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Bulletin 154 - Announcements for the 1941-1942 Sessions

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STATE OF ILLINOIS • DWIGHT H. GREEN, GOVERNOR

EASTERN ILLINOIS
STATE TEACHERS
COLLEGE BULLETIN



CHARLESTON

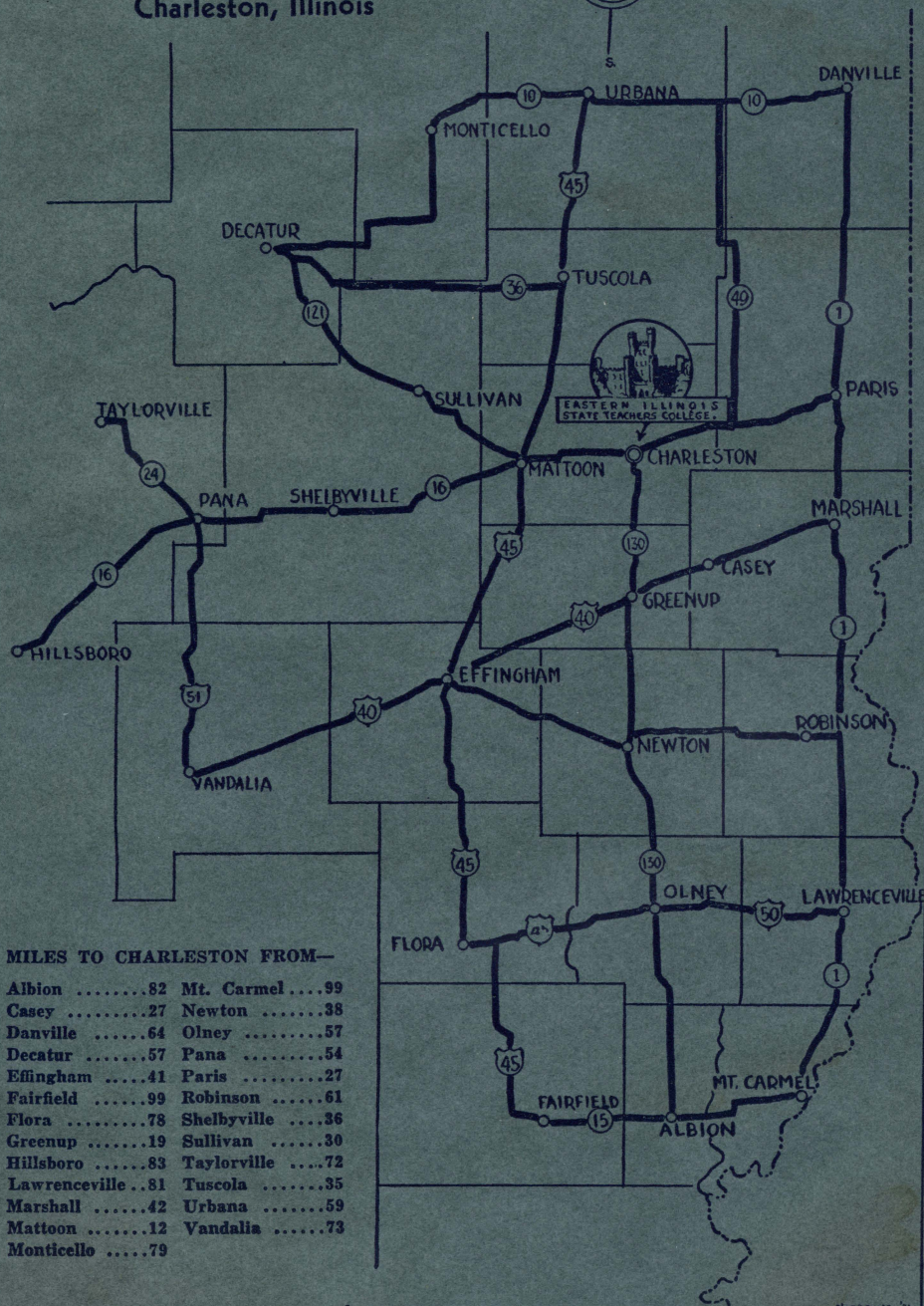
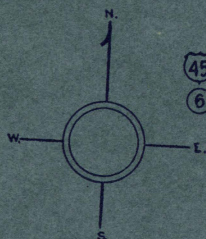
Announcements for 1941-42 Sessions

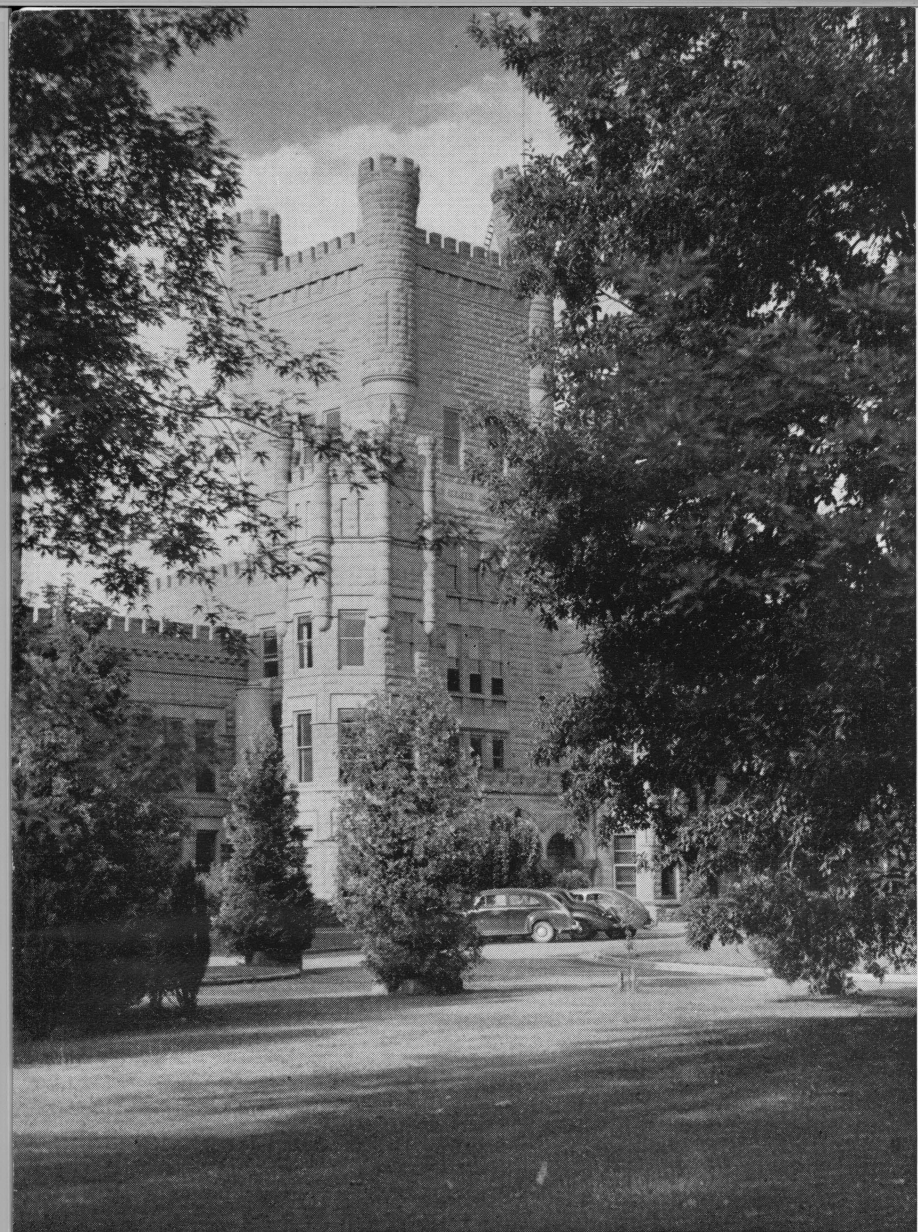
EASTERN ILLINOIS

Area from which comes 90 per cent
of the students at Eastern Illinois
State Teachers College
Charleston, Illinois

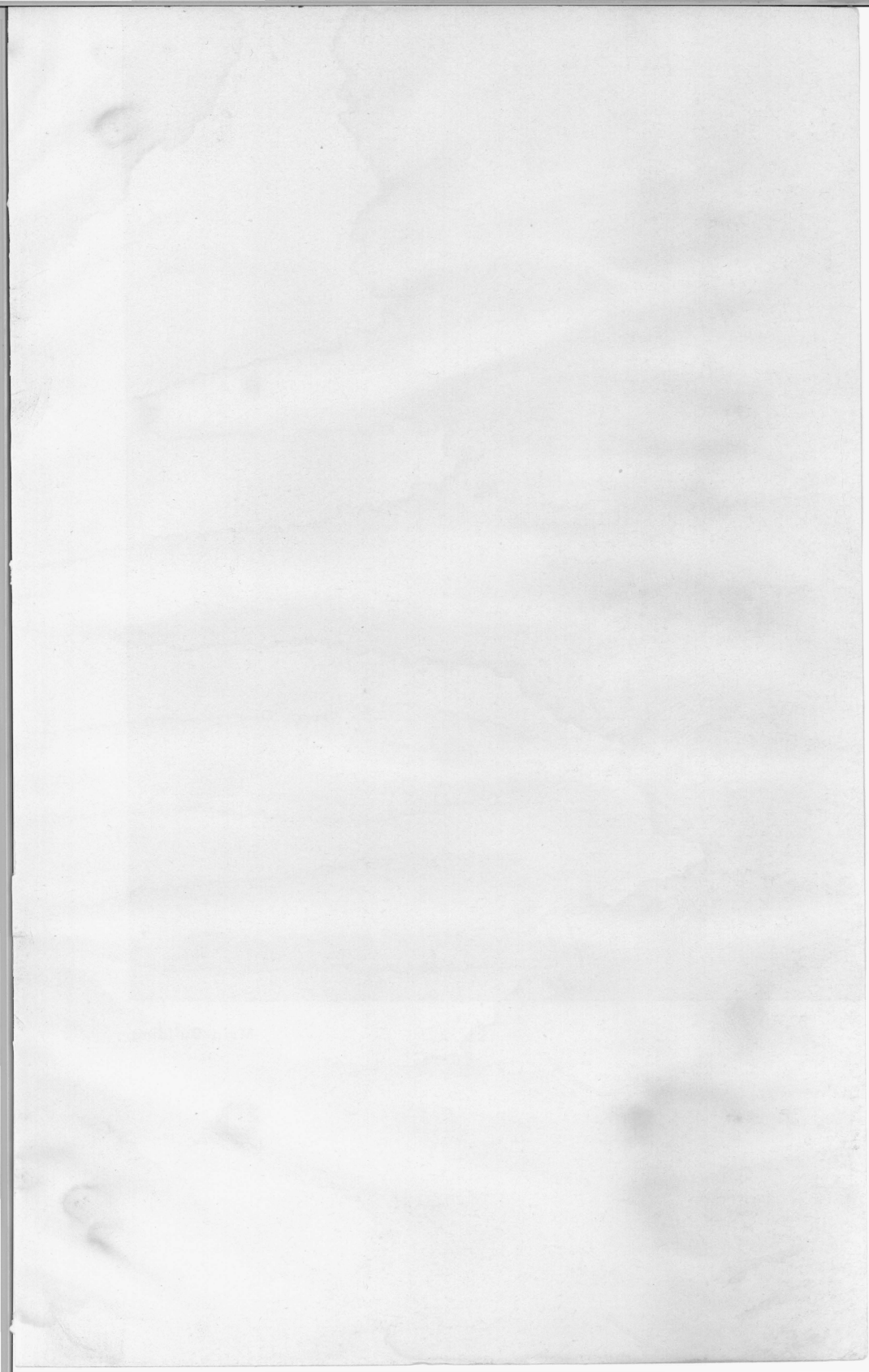
LEGEND

-  U. S. Highways
-  State Highways





Main Building



STATE OF ILLINOIS

DWIGHT H. GREEN, *Governor*

EASTERN ILLINOIS STATE TEACHERS COLLEGE BULLETIN

No. 154

April 1, 1941



42d YEAR

ACADEMIC RECORD 1940-41

ANNOUNCEMENTS FOR 1941-42

Eastern Illinois State Teachers College Bulletin, issued quarterly, by the
Eastern Illinois State Teachers College, Charleston, Illinois. Entered
March 5, 1902, as second class matter, at the post office at
Charleston, Illinois. Act of Congress, July 16, 1894.

(A-46434)

DIRECTIONS FOR CORRESPONDENCE

In order to avoid delay in answering inquiries we are listing below the names of the administrative officers, together with the division of the college work which comes under their supervision.

General Policy of the College

ROBERT GUY BUZZARD, President

Admission of Students, Transcripts, and Requests for Catalogues

BLANCHE C. THOMAS, Registrar

Academic Work of Students and Advanced Standing

FRANK A. BEU, Dean of the College

Housing, N. Y. A., Student Employment, and Personal Problems

HOBART F. HELLER, Dean of Men

ELIZABETH K. LAWSON, Dean of Women

Pemberton Hall

MRS. ALICE N. COTTER, Director

Payment of Fees

RAYMOND R. GREGG, Business Manager

Teacher Placement

HARRY L. METTER, Director of Teacher-Training and Placement

Student Health

DR. SIDNEY B. GOFF, Director of Health Service

Textbook Library

HENRY J. ARNOLD, Manager

Extension Courses

BRYAN L. HEISE, Director of Extension

Public Relations and Alumni Affairs

ROY K. WILSON, Director of Public Relations and Alumni Secretary

Information Regarding Summer Session

BLANCHE C. THOMAS, Registrar, or

FRANK A. BEU, Dean

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TO THE UNKNOWN TEACHER

I sing the praise of the Unknown Teacher. Great generals win campaigns, but it is the Unknown Soldier who wins the war. Famous educators plan new systems of pedagogy, but it is the Unknown Teacher who delivers and guides the young. He lives in obscurity and contends with hardship. For him no trumpets blare, no chariots wait, no golden decorations are decreed. He keeps the watch along the borders of darkness, and makes the attack on the trenches of ignorance and folly. Patient in his duty, he strives to conquer the evil powers which are enemies of youth. He awakens sleeping spirits. He quickens the indolent, encourages the eager, and steadies the unstable. He communicates his own joy in learning, and shares with boys and girls the best treasures of his mind. He lights many candles, which, in later years, will shine back to cheer him. This is his reward.

Knowledge may be gained from books; but the love of knowledge is transmitted only by personal contact. No one has deserved better of the Republic than the Unknown Teacher. No one is more worthy to be enrolled in a democratic Aristocracy, "King of himself and servant of mankind."

HENRY VAN DYKE.

THE PLEDGE TO TEACH

Eastern Illinois State Teachers College is maintained by the State of Illinois as an institution for the training of teachers for the public schools of the State. There is no tuition charge for persons expecting to teach. Each student is obligated by the statements of the annual catalogue and by signature to a "Pledge to Teach," which is a part of the student's record on file with the College Registrar. This pledge is considered fully as binding as the signing of a promissory note. Annual report on teaching by the student and cancellation of obligation by the college are provided for on the permanent record card. This pledge reads:

"In consideration of free tuition in the Eastern Illinois State Teachers College, I pledge to teach in the public schools of Illinois for a period equal to that covered by my attendance at the Eastern Illinois State Teachers College; and I agree to report annually to the president of the college the number of months taught in Illinois until this pledge is fulfilled. If I do not teach the required time in the public schools of Illinois within five years after leaving college, I promise to pay to the Eastern Illinois State Teachers College at the end of that period tuition at the rate of \$15.00 for each quarter (twelve weeks) of attendance for which I have not taught an equal time."

(Signed).....

1941

JULY						
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1942

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NOVEMBER						
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DECEMBER						
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27	28	29	30	31	--	--

THE COLLEGE CALENDAR, 1941-1942

Fall Quarter, 1941 (Twelve Weeks)

Monday, September 8.....Freshman Registration, 8 a. m.
Monday, September 8 to Wednesday, September 10, inclusive....
.....Freshman Orientation Program
Monday, September 8.....Training Schools begin, 8 a. m.
Wednesday, September 10.....Registration for other students, 8 a. m.
Thursday, September 11.....College classes begin, 8 a. m.
Friday, October 10.....Eastern Division, I. E. A. Meeting
Friday, October 17..... }
Saturday, October 18..... }.....Twenty-seventh Annual Homecoming
November 10-14 inclusive.....Pre-registration for upperclassmen
Wednesday, November 19.....Thanksgiving recess begins close of day
Friday, November 28.....Fall Quarter closes

Winter Quarter, 1941-42 (Twelve Weeks)

Monday, December 1.....Registration for all students, 8 a. m.
Friday, December 19.....Christmas recess begins close of school day
Monday, January 5.....College classes resume, 8 a. m.
February 16-20 inclusive.....Pre-registration for upperclassmen
Friday, March 6.....Winter Quarter closes

Spring Quarter, 1942 (Twelve Weeks)

Monday, March 9.....Registration for all students, 8 a. m.
Friday, April 3.....Easter recess begins close of day
Monday, April 13.....College classes resume, 8 a. m.
Sunday, May 31.....Baccalaureate, 3 p. m.
Friday, June 5.....Spring Quarter closes
Friday, June 5.....Commencement, 3 p. m.

Summer Term, 1942 (Eight Weeks)

Monday, June 15.....Registration, 8 a. m.
Friday, August 7.....Summer Term closes

Lake
Michigan

DeKalb
Northern
Illinois State Teachers
College
1895

Macomb
Western
Illinois State Teachers
College
1899

Normal
Illinois State Normal
University
1857

Champaign-Urbana
University of Illinois
1867

Charleston
★
Eastern
Illinois State Teachers
College
1895

Carbondale
Southern
Illinois State Normal
University
1870

**ILLINOIS STATE
INSTITUTIONS
of
HIGHER
EDUCATION**

DEPARTMENT OF
REGISTRATION AND EDUCATION

THE NORMAL SCHOOL BOARD



EX-OFFICIO MEMBERS

FRANK G. THOMPSON

Director of Registration and Education (Springfield)
Chairman

JOHN A. WIELAND

Superintendent of Public Instruction (Springfield)
Secretary

APPOINTED MEMBERS

MISS HARRIETT A. MCINTIRE, Mendota.....	1937-1943
JOHN D. DILL, Carbondale.....	1937-1943
OTTO G. BEICH, Bloomington.....	1937-1943
JACOB E. ALSCHULER, Aurora.....	1939-1945
CHARLES E. McMORRIS, Marshall.....	1939-1945
MRS. HELEN R. PEGELOW, Mattoon.....	1939-1945
DR. PRESTON BRADLEY, Chicago.....	1941-1947
LINDELL W. STURGIS, Metropolis.....	1941-1947
RUSSELL L. GUIN, Danville.....	1941-1947

LUCIEN A. FILE.....Co-ordinator

Under the provisions of the Civil Administrative Code for the consolidation of State Agencies under the direction of the Governor, the five State Normal Schools of Illinois are controlled by a single board consisting of eleven members: The Director of Registration and Education, who is ex-officio chairman, the Superintendent of Public Instruction, who is ex-officio secretary, and nine members appointed by the Governor for terms of six years.

EASTERN ILLINOIS STATE TEACHERS COLLEGE

OBJECTIVE

The general objective of the Eastern Illinois State Teachers College is to provide persons who have chosen teaching as a life work with an integrated general and professional education.

This objective is four-fold in purpose, namely:

(1) To develop scholarship in the subject matter of the chosen teaching fields and to develop an appreciation of the acquisition of scholarship.

(2) To acquire professional techniques in understanding the growth and development of the child and in the methods to be used in classroom practices.

(3) To grow personally into that degree of fitness which characterizes the good teacher and which functions in making the teacher a constructive influence in the guidance of youth.

(4) To integrate the above aims into an appreciation of the contributions of the past and to emphasize the obligation of a teacher in the public schools to further the common enterprises which advance the democratic scheme of human living.

RATING

Eastern Illinois State Teachers College is FULLY accredited

(1) as a Teachers College in the American Association of Teachers Colleges,

(2) as a College in the North Central Association of Colleges and Secondary Schools.

ADMINISTRATION

1940-41

Office of the President

ROBERT GUY BUZZARD, Ph.D.....President
ROY KENNETH WILSON, B.Ed.....
.....Secretary to the President and Director of Public Relations
FLORENCE LEONE FAIR, A.B.....Stenographer

Office of the Dean and Registrar

FRANK ANDREW BEU, Ph.D.....Dean
BLANCHE CLAIRE THOMAS.....Registrar
LORETTA CATHERINE HARVEY, A.B.....Secretary

Office of Dean of Women

ELIZABETH K. LAWSON, Ph.D.....Dean of Women

Office of Dean of Men

HOBART FRANKLIN HELLER, Ph.D.....Dean of Men

Office of the Director of Training Schools

HARRY LOUIS METTER, Ph.D...Director of Teacher Training and Placement
DONALD ALLEN ROTHSCHILD, Ph.D.....Principal of High School
ARTHUR U. EDWARDS, Ph.D.....Principal of Elementary School
HANS CHRISTIAN OLSEN, Ph.D...Director of Off-Campus Student Teaching
MADGE ELEANOR MOORE.....Secretary

Office of Extension Director

BRYAN HEISE, Ph.D.....Director of Extension

Office of Health Service

SIDNEY BRITTON GOFF, M.D.....
.....College Physician and Director of Health Service
MARY ELLEN THOMPSON, R.N.....College Nurse

Business Office

RAYMOND ROSCO GREGG, A.M.....Business Manager
VIOLET BIRD TAYLOR, B.A.....Secretary
DOROTHY VIRGINIA DAVIS.....Stenographer

Office of Textbook Library

HENRY J. ARNOLD, A.M.....Manager of Textbook Library

Pemberton Hall

ALICE NELLIE COTTER, A.B.....Director of Pemberton Hall

Buildings and Grounds

CAMILLE F. MONIER.....Superintendent of Grounds
GRANVIL SHAFER.....Superintendent of Buildings
EDSON B. CLODFELTER.....Superintendent of Heating

EASTERN ILLINOIS STATE TEACHERS COLLEGE, CHARLESTON

FACULTY, 1940-41

Asterisk (*) indicates Head of Department.
Date of joining staff in parentheses.

ADMINISTRATION

ROBERT GUY BUZZARD, Ph.D.....*President*
Diploma, Illinois State Normal University, 1914; S.B., 1916, S.M.,
The University of Chicago, 1917; Ph.D., Clark University, 1925;
A.M., University of Illinois, 1938. (1933)

FRANK ANDREW BEU, Ph.D.....*Dean*
A.B., 1920, A.M., Northwestern University, 1923; Ph.D., The Uni-
versity of Chicago, 1936. (1927)

HOBART FRANKLIN HELLER, Ph.D.....*Dean of Men*
B.S., Gettysburg College, 1924; A.M., Columbia University, 1931;
Graduate study, State University of Iowa, summer, 1934; Ph.D.,
Columbia University, 1940. (1931)

ELIZABETH K. LAWSON, Ph.D.....*Dean of Women*
A.B., 1927, M.A., Bucknell University, 1935; Ph.D., New York Uni-
versity, 1939. (1939)

BLANCHE CLAIRE THOMAS.....*Registrar (1922)*

RAYMOND ROSCO GREGG, A.M.....*Business Manager*
Diploma, Southern Illinois State Normal University, 1917; Ph.B.,
1922, A.M., The University of Chicago, 1923; Graduate study, The
University of Chicago, summers, 1926, 1927, 1929, 1930, 1933, and
1934. (1934)

HARRY LOUIS METTER, Ph.D.....*Director*
of Teacher Training and Placement
Diploma, Southern Illinois State Normal University, 1921; B.S.,
1924, M.S., 1925, Ph.D., University of Illinois, 1933. (1934)

DONALD ALLEN ROTHCHILD, Ph.D.....*Principal,*
Teachers College High School
A.B., 1924, A.M., University of Illinois, 1927; Ph.D., State Univer-
sity of Iowa, 1932. (1934)

ARTHUR U. EDWARDS, Ph.D.....*Principal,*
Teachers College Elementary School
A.B., Iowa State Teachers College, 1924; A.M., 1928, Ph.D., State
University of Iowa, 1932. (1937)

HANS CHRISTIAN OLSEN, Ph.D.....*Director*
of Off-Campus Student Teaching
A.B., Nebraska State Teachers College, 1920; A.M., 1922, Ph.D.,
Columbia University, 1926. (1938)

- BRYAN HEISE, Ph.D.....*Director of Extension*
A.B., 1919, A.M., Ohio State University, 1926; Ph.D., University of Michigan, 1937. (1937)
- SIDNEY BRITTON GOFF, M.D.....*College Physician*
and Director of Health Service
B.S., University of Wisconsin, 1921; M.D., Rush Medical College, The University of Chicago, 1931. (1937)
- MARY ELLEN THOMPSON, R.N.....*College Nurse*
Student, North Dakota Agricultural College, 1903-4; Student, State Normal School, Moorhead, Minnesota, 1905-6; Graduate, St. John's Training School for Nurses, Fargo, North Dakota, 1916. (1930)
- ALICE NELLIE COTTER, A.B.....*Director of Pemberton Hall*
A.B., University of South Dakota, 1917; Graduate study, The University of Chicago, 1921. (1939)

ART

- MILDRED RUTH WHITING, Ph.D.*.....*Associate Professor*
B.F.A., 1928, A.M., University of Nebraska, 1933; Graduate study, University of Minnesota, summer, 1936; Ph.D., University of Nebraska, 1938. (1936)
- CLEOBELLE HARRISON, M.S.....*Instructor*
A.B., Western State Teachers College, Kalamazoo, Michigan, 1928; Graduate student, American Academy of Art, 1930-31; M.S., Wayne University, 1938. (1939)
- ALICE MCKINNEY, A.M.....*Instructor*
Student, John B. Stetson University, 1904-5; B.Ed., Eastern Illinois State Teachers College, 1929; Chautauqua Summer School, 1928; Woodbury School of Art and Massachusetts Art School, Boston, 1930-31; A.M., Columbia University, 1935; Chicago Art Institute, summer school, 1938. (On leave of absence, 1940-41.) (1928)
- MARJORY BERTHA WINTERSTEEN, A.M.....*Instructor*
B.Ed., Southern Illinois State Normal University, 1932; A.M., Teachers College, Columbia University, 1936. (Substitute instructor, 1940-41.) (1940)

BIOLOGICAL SCIENCE

Botany

- ERNEST LINCOLN STOVER, Ph.D.*.....*Professor*
B.S., 1917, M.S., Ohio State University, 1919; Ph.D., The University of Chicago, 1924. (1923)
- HIRAM FREDERICK THUT, Ph.D.....*Assistant Professor*
A.B., Bluffton College, 1925; A.M., 1926, Ph.D., Ohio State University, 1930. (1932)

Zoology

- CHARLES STOCKMAN SPOONER, Ph.D.*.....*Professor*
A.B., Cornell University, 1907; Part-time graduate student, Cornell University, 1911-12; A.M., University of Illinois, 1918; Graduate study, The University of Chicago, summer, 1918; Ph.D., University of Illinois, 1936. (1919)

- WALTER MERRITT SCRUGGS, M.S.....*Assistant Professor*
B.Ed., Eastern Illinois State Teachers College, 1928; Graduate study, State University of Iowa, summer, 1933; M.S., University of Illinois, 1935; Graduate study, Harvard University, 1937-38. (1929)

Hygiene

- HAROLD MAXON CAVINS, Ed.D.....*Assistant Professor*
B.S., University of Illinois, 1924; M.S., The Pennsylvania State College, 1928; Graduate study, Michigan State College, summer, 1930; Iowa State College, summer, 1934; Ed.D., Stanford University, 1941. (1928)

- SIDNEY BRITTON GOFF, M.D.....*Instructor*
B.S., University of Wisconsin, 1921; M.D., Rush Medical College, The University of Chicago, 1931. (1937)

COMMERCE

- JAMES MICHAEL THOMPSON, Ed.D.*.....*Associate Professor*
B.S., Nebraska State Normal School, 1929; A.M., Colorado State Teachers College, 1933; Ed.D., New York University, 1936. (1937)

- EARL SAMUEL DICKERSON, M.S.....*Assistant Professor*
B.S., Indiana State Teachers College, 1930; M.S., University of Illinois, 1934; Graduate study, New York University, summers, 1938, 1939. (1935)

- STANLEY CLAY ROBINSON, A.M.....*Instructor*
B.S., Southwest Missouri State Teachers College, 1936; A.M., State University of Iowa, 1939. (1939)

- JESSIE MARTHA HUNTER, A.M.....*Instructor*
Normal Diploma, Ferris Institute, 1917; Palmer Method Summer Schools, Cedar Rapids, 1922, Boulder, 1924; A.B., 1931, A.M., Michigan State College, 1932; Graduate study, Columbia University, 1935-36. (1937)

- LENA MAE SCOTT, A.M.....*Instructor*
A.B., Western State Teachers College, Bowling Green, Kentucky, 1932; A.M., University of Michigan, 1936; George Peabody College for Teachers, 1935-39; Graduate study, University of North Carolina, First Semester, 1940. (Spring Quarter, 1941, only.) (1941)

EDUCATION

- EMMA REINHARDT, Ph.D.*.....*Professor*
Diploma, Illinois State Normal University, 1921; A.B., 1924, A.M., 1925, Ph.D., University of Illinois, 1927. (1927)

- FRANK ANDREW BEU, Ph.D.....*Professor*
A.B., 1920, A.M., Northwestern University, 1923; Ph.D., The University of Chicago, 1936. (1927)

- HARRY LOUIS METTER, Ph.D.....*Professor*
Diploma, Southern Illinois State Normal University, 1921; B.S., 1924, M.S., 1925, Ph.D., University of Illinois, 1933. (1934)

- DONALD ALLEN ROTHSCHILD, Ph.D.....*Associate Professor*
A.B., 1924, A.M., University of Illinois, 1927; Ph.D., State University of Iowa, 1932. (1934)

- BRYAN HEISE, Ph.D.....*Associate Professor*
A.B., 1919, A.M., Ohio State University, 1926; Ph.D., University of Michigan, 1937. (1937)
- WILLIAM H. ZEIGEL, Ph.D.....*Associate Professor*
B.S., Kirksville State Teachers College, 1925; A.M., 1926, Ph.D., University of Missouri, 1930. (1937)
- ARTHUR U. EDWARDS, Ph.D.....*Associate Professor*
A.B., Iowa State Teachers College, 1924; A.M., 1928, Ph.D., State University of Iowa, 1932. (1937)
- HANS CHRISTIAN OLSEN, Ph.D.....*Associate Professor*
A.B., Nebraska State Teachers College, 1920; A.M., 1922, Ph.D., Columbia University, 1926. (1938)

ENGLISH

- ISABEL MCKINNEY, A.M.*.....*Professor*
A.B., The University of Chicago, 1901; A.M., Columbia University, 1904; Graduate study, Teachers College, Columbia University, summer, 1916. (On leave, Spring Quarter, 1941.) (1904)
- HOWARD DEFORREST WIDGER, Ph.D.....*Professor*
A.B., Yale University, 1910; Student, Columbia University Law School, 1910-11; A.M., 1930, Ph.D., University of Illinois, 1940. (1912)
- FRANKLYN LEHMAN ANDREWS, A.M.....*Associate Professor*
Ph.B., The University of Chicago, 1922; A.M., University of Illinois, 1929; Graduate study, Columbia University, summer terms, 1936 and 1937. (1929)
- EUGENE M. WAFFLE, Ph.D.....*Assistant Professor*
A.B., Indiana State Teachers College, 1925; Graduate study, The University of Chicago, 1925-26; A.M., Columbia University, 1932; Ph.D., George Peabody College for Teachers, 1939. (1926)
- ROBERT ARMAND SHILEY, Ph.D.....*Assistant Professor*
A.B., 1925, A.M., State University of Iowa, 1926; Part-time graduate student, The University of Chicago, 1926-31; Graduate study, State University of Iowa, summers, 1929, 1930; The Sorbonne, University of Paris, summer, 1933; Ph.D., Yale University, 1939. (1931)
- WINNIE DAVIS NEELY, M.A.....*Instructor*
Diploma, Alabama Girls Technical Institute, 1912; B.S., 1924, M.A., George Peabody College for Teachers, 1928; Graduate study, University of Wisconsin, 1930-33, summers, 1934, 1936, 1937 and 1939. (1934)
- ESTHER SHEARS BRENTON, Ph.D.....*Instructor*
A.B., Indiana State Teachers College, 1924; M.A., Butler University, Indianapolis, 1934; Ph.D., University of Texas, 1940. (Substitute instructor, Spring Quarter, (1941.)

FOREIGN LANGUAGE

- KEVIN GUINAGH, Ph.D.*.....*Associate Professor*
A.B., 1919, A.M., St. Vincent College, 1921; Graduate study, Catholic University of America, 1921-23; Ph.D., University of Pittsburgh, 1931; Part-time study, University of Illinois, 1938. Instructor, University of Illinois, Summer Term, 1940. (1931)

ELLEN ELIZABETH MICHAEL, A.M.....*Assistant Professor*
 A.B., Coe College, 1928; A.M., The University of Chicago, 1929;
 Graduate study, The University of Chicago, summer, 1934; Columbia
 University, summer, 1935; Middlebury College, summer, 1939.
 (1930)

RUTH CARMAN, A.M.....*Instructor*
 Diploma, Eastern Illinois State Normal School, 1910; Ph.B., Uni-
 versity of Wisconsin, 1913; Graduate study, University of Cali-
 fornia, summer, 1922; A.M., University of Illinois, 1925; Summer
 session, American Academy in Rome, 1927; Graduate study, Uni-
 versity of Colorado, summer, 1928; Vergil Cruise, summer, 1930;
 Graduate study, University of Maine, summer, 1935; Colorado State
 Teachers College, summer, 1937; University of Colorado, summer,
 1940. (1914)

GEOGRAPHY

NORMAN CARLS, Ph.D.*.....*Associate Professor*
 B.Ed., Illinois State Normal University, 1932; A.M., 1934, Ph.D.,
 Clark University, 1935; Extension study, University of Illinois,
 1940-41. (1940)

RUBY MILDRED HARRIS, S.M.....*Associate Professor*
 Diploma, Eastern Illinois State Normal School, 1912; S.B., 1922,
 S.M., The University of Chicago, 1932; Graduate study, The Uni-
 versity of Chicago, summer, 1936. (On leave for graduate study,
 spring, 1941.) (1923)

ROSE ZELLER, Ph.D.....*Assistant Professor*
 B.Ed., Illinois State Normal University, 1926; A.M., 1930, Ph.D.,
 Clark University, 1940. (1930)

WILFRID DUDLEY KELLEY, M.S.....*Instructor*
 B.Ed., Eastern Illinois State Teachers College, 1938; M.S., Uni-
 versity of Michigan, 1940; Graduate study, University of Michigan,
 first semester 1940-41. (Substitute instructor, Spring Quarter,
 1941.) (1941)

HOME ECONOMICS

SADIE O. MORRIS, Ph.D.*.....*Associate Professor*
 B.S., 1922, M.S., Utah State Agricultural College, 1923; Graduate
 study, University of California, 1923-24; Ph.D., Columbia Uni-
 versity, 1933; Graduate study, Iowa State College, summer, 1935;
 University of California, summer, 1938. (1939)

RUTH SCHMALHAUSEN, A.M.....*Assistant Professor*
 Ph.B., The University of Chicago, 1923; A.M., Columbia University,
 1932; Graduate study, Cornell University, summer, 1939. (1937)

MARY ELLEN LYONS, Ph.D.....*Assistant Professor*
 B.S. in Ed., Framingham, Massachusetts, State Teachers College,
 1927; M.A., Teachers College, Columbia University, 1935; Ph.D.,
 Massachusetts State College, 1939. (1939)

WILMA WARNER, M.S.....*Instructor*
 B.Ed., Western Illinois State Teachers College, 1934; M.S., Iowa
 State College, 1938. (Substitute instructor, Fall Quarter, 1940.)

AGNES LUCILLE MAGRUDER, M.S.....*Instructor*
 B.S., Colorado State College, 1923; M.S., Iowa State College, 1939.
 (On leave, Fall Quarter, 1940.) (1939)

INDUSTRIAL ARTS

- WALTER ALLEN KLEHM, Ed.D.*.....*Associate Professor*
A.B., North Central College, 1924; M.A., University of Illinois, 1929; Ed.D., University of Missouri, 1936. (1938)
- WAYNE P. HUGHES, A.M.....*Assistant Professor*
Diploma, The Stout Institute, 1923; Coaching School, University of Notre Dame, summer, 1924; B.S., The Stout Institute, 1934; A.M., Columbia University, 1935; Teachers College, Columbia University, summer, 1937; Graduate study, New York University, 1938-39. (1923)
- RUSSELL HENRY LANDIS, Ed.D.....*Assistant Professor*
B.S., The Stout Institute, 1930; M.S., Iowa State College, 1934; Graduate study, The University of Chicago, summer, 1936; Ed.D., Pennsylvania State College, 1940. (1930)
- CLARENCE MARION WHITE, M.S.....*Instructor*
B.S., 1929, M.S., Kansas State Teachers College, Pittsburg, 1936. (1939)
- SHELBY S. SHAKE, M.S.....*Instructor*
B.S., Indiana State Teachers College, 1929; M.S., Indiana University, 1934. Director of N.Y.A. Training, Nov.-June, 1940-41. (1938)

LIBRARY

- MARY JOSEPHINE BOOTH, B.L.S.*...*Associate Professor and Librarian*
A.B., Beloit College, 1900; B.L.S., University of Illinois Library school, 1904; The University of Chicago, second summer term, 1908. (1904)
- MAY SMITH, M.S.....*Instructor*
Diploma, Eastern Illinois State Teachers College, 1921; B.S., 1924, M.S., University of Illinois, 1936. (1931)
- LOUISE MATILDA STUBBLEFIELD, B.S. in L.S.....*Instructor*
B.Ed., Illinois State Normal University, 1938; B.S. in L.S., University of Illinois, 1939. (1939)
- ESTHER DUGGLEBY, M.A.....*Instructor*
A.B., University of Denver, 1926; Library School, University of Iowa, summer session, 1929; B.S., in L.S., 1931; M.A., University of Illinois, 1938. (1935)
- HARRIET LOVE, M.S.....*Instructor*
A.B., Vassar College, 1926; Certificate, Library School of the University of Wisconsin, 1927; M.S., School of Library Science, Western Reserve University, 1932. (1932)

MATHEMATICS

- EDSON HOMER TAYLOR, Ph.D.*.....*Professor*
B.S., National Normal University, 1896; A.M., 1905, Ph.D., Harvard University, 1909; Teachers College, Columbia University, first semester, 1912-13; Student in Germany, second semester, 1912-13. (1899)
- FISKE ALLEN, A.M.....*Professor*
Diploma, Indiana State Normal School, 1895; A.B., Indiana University, 1898; A. M., Columbia University, 1910. (1913)

HOBART FRANKLIN HELLER, Ph.D.....*Associate Professor*
B.S., Gettysburg College, 1924; A.M., Columbia University, 1931;
Graduate study, State University of Iowa, summer, 1934; Ph.D.,
Columbia University, 1940. (1931)

RUTH HOSTETLER, A.M.....*Instructor*
Diploma, Eastern Illinois State Normal School, 1908; S.B., The Uni-
versity of Chicago, 1917; Graduate study, University College, The
University of Chicago, 1920 and 1923; A.M., Columbia University,
1936; Graduate study, University of Illinois, summer, 1939. (1930)

MUSIC

LEO J. DVORAK, Ph.D.*.....*Associate Professor*
B.A., B.M., Upper Iowa University, 1932; M.A., 1933, Ph.D., State
University of Iowa, 1939. (1940)

ETHEL IRENE HANSON, A.M.....*Assistant Professor*
Diploma, Milwaukee State Teachers College, 1916; B.M., University
of Wisconsin, 1924; Graduate study, Northwestern University, sum-
mers, 1931, 1932, 1933; A.M., University of Wisconsin, 1935. (1927)

RUDOLPH D. ANFINSON, Ph.D.....*Assistant Professor*
B.E., State Teachers College, St. Cloud, Minnesota, 1932; Macphail
School of Music, 1938; M.A., 1933, Ph.D., University of Minnesota,
1939. (1940)

ROBERT AUSTIN WARNER, M.A.....*Instructor*
A.B., Iowa State Teachers College, 1933; M.A., Eastman School of
Music, University of Rochester, 1938. (1938)

MARGET IRENE JOHNSON, M.M.....*Instructor*
B.M., 1938, M.M., Northwestern University, 1939. (1939)

DONALD E. JOHNSON, Ph.D.....*Instructor*
B.S., State Teachers College, Maryville, Missouri, 1933; A.M., 1938,
Ph.D., Columbia University, 1940. (1940)

PHYSICAL EDUCATION

Men

CHARLES P. LANTZ, Pd.D.*.....*Associate Professor*
B.S., Gettysburg College, 1908; Student, The Chautauqua School of
Physical Education, summers, 1909, 1910; Coaching School of Uni-
versity of Notre Dame, summer, 1925; M.S., The Pennsylvania State
College, 1936; Pd.D., Gettysburg College, 1938. (1911)

WINFIELD SCOTT ANGUS, M.S.....*Assistant Professor*
B.S., 1930, M.S., University of Illinois, 1934; Extra-mural, Uni-
versity of Illinois, 1937-38; Graduate study, University of Southern
California, summers, 1937, 1939. (1932)

GILBERT CARSON, A.M.....*Instructor*
Diploma, Southern Illinois State Normal University, 1921; Coaching
school, University of Illinois, summer, 1924; University of Colorado,
summer, 1928; University of Southern California, first semester,
1929-30; B.Ed., Southern Illinois State Normal University, 1931;
A.M., State University of Iowa, 1935; Graduate study, State Uni-
versity of Iowa, summer, 1940. (1936)

SHELBY S. SHAKE, M.S.....*Instructor*
B.S., Indiana State Teachers College, 1929; M.S., Indiana University, 1934. Half-time. (First half-year.) (1938)

HENRY H. SUGDEN, M.S.....*Instructor*
B.S., LaCrosse State Teachers College, Wisconsin, 1939; M.S., Indiana University, 1940; Graduate study, Indiana University, summer, 1940. (Second half-year only.) (1941)

Women

FLORENCE MCAFEE, Ed.D.*.....*Associate Professor*
A.B., The Pennsylvania State College, 1922; Two-year certificate, Graduate Department of Hygiene and Physical Education, Wellesley College, 1924; A.M., Columbia University, 1931; Graduate study, University of Wisconsin, summer, 1936; Ed.D., New York University, 1940. (1924)

MABEL J. HUPPRICH, M.S.....*Instructor*
B.S., 1926, M.S., University of Wisconsin, 1930; Graduate study, University of Wisconsin, 1933-34. (1934)

EDITH CRAWFORD HAIGHT, A.M.....*Instructor*
A.B., The Women's College of the University of North Carolina, 1915; A.M., Columbia University, 1926; Graduate study, New York University, 1930-32, 1937-38; Columbia University, 1937-38. (1938)

PHYSICAL SCIENCE

Chemistry

HARRIS EUGENE PHIPPS, Ph.D.*.....*Associate Professor*
A.B., Oberlin College, 1926; Night School, University of Rochester, 1926-27; A.M., Oberlin College, 1928; Ph.D., University of Illinois, 1931. (1931)

WALTER ALBERT, Ph.D.....*Assistant Professor*
A.B., Wayne State Teachers College, 1928; M.S., 1932, Ph.D., University of Nebraska, 1934. (1939)

WILLIAM HOMER COPPOCK, Ph.D.....*Assistant Professor*
B.S., Monmouth College, 1933; M.S., 1935, Ph.D., State University of Iowa, 1939. (1939)

Physics

ORA LEE RAILSBACK, Ph.D.*.....*Professor*
A.B., 1923, A.M., Indiana University, 1924; Graduate study, Indiana University, summers, 1924, 1926; The University of Chicago, summer quarters, 1928, 1929; Ph.D., Indiana University, 1937. (1924)

FRANK LOUIS VERWIEBE, Ph.D.....*Assistant Professor*
M.E., Cornell University, 1920; Graduate student, University of Buffalo, part-time, 1921-23; State Teachers College, Buffalo, part-time, 1923-24; M.S., 1930, Ph.D., The University of Chicago, 1933. (1934)

SOCIAL SCIENCE

SIMEON E. THOMAS, A.M., LL.D.*.....*Professor*
Ph.B., Upper Iowa University, 1898; A.M., State University of Iowa, 1902; Graduate study, Harvard University, 1902-4; LL.D., Upper Iowa University, 1937. (1906)

CHARLES HUBERT COLEMAN, Ph.D.....*Associate Professor*
A.B., George Washington University, 1924; A.M., 1926, Ph.D.,
Columbia University, 1933. (1926)

GLENN HURON SEYMOUR, Ph.D.....*Associate Professor*
A.B., 1924, A.M., 1925, Ph.D., University of Illinois, 1929; Graduate
study, University of Wisconsin, summer, 1939. (1929)

DONALD RHODES ALTER, Ph.D.....*Assistant Professor*
B.S. in Ed., University of Missouri, 1920; A.M., Columbia Univer-
sity, 1924; Ph.D., University of Illinois, 1934; Graduate study,
Harvard University, summer, 1938. (1934)

WILLIAM GERBING WOOD, Ph.D.....*Assistant Professor*
A.B., 1927, Illinois Wesleyan University; A.M., 1933, Ph.D., Uni-
versity of Illinois, 1938. (1938)

SPEECH

JAMES GLENN ROSS, Ph.D.*.....*Associate Professor*
B.A., 1925, M.A., 1928, Ph.D., Ohio State University, 1933. (1934)

GRACE MILLS WILLIAMS, M.A.....*Instructor*
B.A., University of Illinois, 1933; M.A., Northwestern University,
1935. (1937)

TRAINING SCHOOLS

HARRY LOUIS METTER, Ph.D.....*Director*
of Teacher Training and Placement Bureau
Diploma, Southern Illinois State Normal University, 1921; B.S.,
1924, M.S., 1925, Ph.D., University of Illinois, 1933. (1934)

Teachers College Elementary School

ARTHUR U. EDWARDS, Ph.D.....*Principal*
of Teachers College Elementary School
A.B., Iowa State Teachers College, 1924; A.M., 1928, Ph.D., State
University of Iowa, 1932. (1937)

EDITH LEVAKE, A.M.....*Instructor and Eighth Grade Critic*
Diploma, State Normal School, Platteville, Wisconsin, 1910; B.S.,
The University of Chicago, 1927; Graduate study, The University of
Chicago, summers, 1929, 1930, 1932, 1933; A.M., University of
Southern California, 1935; Graduate study, University of Mexico,
summer, 1933; University of Vermont, summer, 1940. (1924)

LEAH I. STEVENS, S.M.....*Instructor and Seventh Grade Critic*
Diploma, Illinois State Normal University, 1917; S.B., The Univer-
sity of Chicago, 1924; Summer Field Trip, Clark University, 1927;
S.M., The University of Chicago, 1934; Graduate study, Columbia
University, summer, 1937; University of Colorado, summer, 1939.
(1920)

EMILY VERONICA BAKER, A.M.....*Instructor and Sixth Grade Critic*
B.Ed., Illinois State Normal University, 1929; A.M., George Pea-
body College for Teachers, 1933; Part-time graduate study, Univer-
sity of Illinois, 1936-37, first semester, 1937-38; Graduate study,
Columbia University, summer, 1938. (On leave for graduate study,
spring and summer, 1941.) (1935)

- BEATRICE LEHNING, M.A.....*Instructor and Sixth Grade Critic*
Diploma, Thomas Normal School, 1916; B.S., 1922, M.A., State University of Iowa, 1929. (Substitute instructor, February 3 to August 8, 1941.) (1941)
- BERNICE I. BANKSON, A.M.....*Instructor and Fifth Grade Critic*
Diploma, Illinois State Normal University, 1927; B.Ed., Eastern Illinois State Teachers College, 1932; A.M., Columbia University, 1933; Graduate study, University of California, summer, 1938. (1933)
- MYRTLE ARNOLD, A.M.....*Instructor and Fourth Grade Critic*
Diploma, St. Cloud State Teachers College, 1917; B.S., University of Minnesota, 1930; A.M., George Peabody College for Teachers, 1935; Graduate study, University of Wyoming, summer, 1939. (1930)
- NANNILEE SAUNDERS, A.M.....*Instructor and Third Grade Critic*
B.S., George Peabody College for Teachers, 1929; A.M., Columbia University, 1935; Graduate study, George Peabody College for Teachers, summer, 1940. (1935)
- OLIVE LENORE THOMPSON, A.M..*Instructor and Second Grade Critic*
A.B., Iowa State Teachers College, 1930; A.M., The State University of Iowa, 1936; Graduate study, University of California, summer, 1939; University of Southern California, summer, 1940. (1937)
- MARGARET B. DONLEY, A.M.....*Instructor and First Grade Critic*
B.S., Kansas State Teachers College, Emporia, 1927; A.M., Columbia University, 1932; Graduate study, University of Colorado, summer, 1940. (1935)

Teachers College High School

- DONALD ALLEN ROTHSCHILD, Ph.D.....*Principal*
of Teachers College High School
A.B., 1924, A.M., University of Illinois, 1927; Ph.D., State University of Iowa, 1932; Part-time study, University of Illinois, 1937-38. (1934)
- LENA BOYD ELLINGTON, A.M.....*Instructor in History*
A.B., Mississippi State College for Women, 1906; A.M., Columbia University, 1914; Graduate study, The University of Chicago, summers, 1912, 1920, 1925, 1933, 1935; University of California, summer, 1928; The George Washington University, summer, 1938. (1920)
- ICA MARKS, M.S.....*Instructor in Biological Science*
B.Ed., Eastern Illinois State Teachers College, 1927; M.S., Ohio State University, 1929; Graduate study, State University of Iowa, 1929-30; University of Michigan, summers, 1935, 1936, 1938. (On sick leave, November, 1939, to June, 1940.) (1932)
- RUTH CARMAN, A.M.....*Instructor in Latin*
Diploma, Eastern Illinois State Normal School, 1910; Ph.B., University of Wisconsin, 1913; Graduate study, University of California, summer, 1922; A.M., University of Illinois, 1925; Summer session, American Academy in Rome, 1927; Graduate study, University of Colorado, summer, 1928; Vergil Cruise, summer, 1930; Graduate study, University of Maine, summer, 1935; Colorado State Teachers College, summer, 1937; University of Colorado, summer, 1940. (1914)

ELLEN ELIZABETH MICHAEL, A.M. *Assistant Professor in French*
A.B., Coe College, 1928; A.M., The University of Chicago, 1929;
Graduate study, The University of Chicago, summer, 1934; Colum-
bia University, summer, 1935; Middlebury College, summer, 1939.
(1930)

GERTRUDE HENDRIX, M.S., A.M. *Assistant Professor in Mathematics*
A.B., DePauw University, 1926; M.S. (Education), 1930, A.M.
(Mathematics), University of Illinois, 1935. (1930)

ROBERTA LEE POOS, A.M. *Instructor in English*
B.Ed., Illinois State Normal University, 1927; A.M., University of
Illinois, 1935; Graduate study, Pennsylvania College for Women,
summer, 1937. (1935)

SETH ARTHUR FESSENDEN, M.S. *Assistant Professor in English*
B.S., 1934; M.S., University of Illinois, 1935; Graduate study, Uni-
versity of Montana, summer, 1937; Cornell University, summer,
1938; University of Illinois, summer, 1939; on leave for study,
New York University, 1939-40. (1938)

OLIVER WILLIAM FISCHER, A.M. *Instructor in Industrial Arts*
B.S., Bradley Polytechnic Institute, 1930; A.M., University of Mis-
souri, 1936. (1937)

PARIS JOHN VAN HORN, M.S. *Instructor in Science*
B.S., Indiana State Teachers College, 1926; M.S., Indiana Univer-
sity, 1935; Graduate study, Indiana University, summers 1937, 1938,
and 1940. (On leave for military service, April, 1941-April, 1942.)
(1935)

MARVIN FRANK SMITH, M.A. *Instructor in Commercial Subjects*
A.B., Wabash College, 1925; M.A., Indiana State Teachers College,
1935; Graduate study, Colorado State College of Education, Greeley,
summers, 1939, 1940. (1940)

RAYMOND F. BLAKE, A.M. *Instructor in Science*
B.S., Iowa State Teachers College, 1938; A.M., State University of
Iowa, 1939. (Substitute instructor, April, 1941-April, 1942.)

AFFILIATED TRAINING SCHOOLS

HANS CHRISTIAN OLSEN, Ph.D. *Director*
of Off-Campus Student Teaching
A.B., Nebraska State Teachers College, 1920; M.A., 1922, Ph.D., Col-
umbia University, 1926. (1938)

Humboldt High School

HOWARD EUGENE GREER, M.A. *Superintendent,*
Humboldt Public Schools, History and Geography
B.Ed., Southern Illinois State Normal University, 1932; M.A., Uni-
versity of Illinois, 1936. (1936)

EUGENE BRADLEY ARMER, B.Ed. *Mathematics and Science*
B.Ed., Eastern Illinois State Teachers College, 1935; Graduate
study, University of Illinois, summers, 1936, 1937, 1938, 1939.
(1935)

VELMA GERALDINE HITT, B.S. *Home Economics and Social Studies*
B.S., Battle Creek College, 1929; Eastern Illinois State Teachers
College, 1938-1939, summers, 1939, 1940. (1939)

FRANCES MARIAN PHIPPS, B.M.....*Commerce*
B.M., MacMurray College for Women, 1929; MacMurray College for Women, 1930-1931; Illinois State Normal University, summers, 1930, 1938; Graduate study, University of Wisconsin, summer, 1936. (1940)

MARY ELIZABETH POORMAN, B.A.....*English*
B.A., DePauw University, 1932; Graduate study, University of Illinois, summers, 1937, 1938. (1935)

Humboldt Elementary School

RICHARD JAMES BROMLEY, B.Ed.....*Grades 5-8*
B.Ed., Eastern Illinois State Teachers College, 1938. (1940)

FAYE EMMA MANSFIELD, B.Ed.....*Grades 1-4*
B.Ed., Illinois State Normal University, 1940. (1940)

Kansas High School

JOHN C. ROBERTS, M.A.....*Superintendent, Kansas Public Schools*
A.B., Illinois College, 1925; M.A., University of Illinois, 1932; Graduate study, Colorado State College of Education, summer, 1940. (1940)

EVELYN ELIZABETH DURHAM, B.Ed.....*Commerce*
B.Ed., Illinois State Normal University, 1938. (1940)

JUANEE SWEARINGEN, B.Ed.....*Home Economics*
B.Ed., Eastern Illinois State Teachers College, 1936; Graduate study, Iowa State College, summers, 1938, 1939. (1940)

Rural Schools

RUBY SARAH PRICE, B.Ed.....*Oak Grove Rural School*
B.Ed., Southern Illinois State Normal University, 1937; Graduate study, Northwestern University, summer, 1940. (1939)

GLENNA JUANITA ALBERS, B.Ed.....*Clear Springs Rural School*
B.Ed., Eastern Illinois State Teachers College, 1932; Graduate study, University of Illinois, 1938-1939. (1937)

MABEL ANN JOHNSON, B.Ed.....*Muddy Point Rural School*
B.Ed., Illinois State Normal University, 1940. (1940)

EXTENSION

BRYAN HEISE, Ph.D.....	<i>Director of Extension Education</i>
DONALD RHODES ALTER, Ph.D.....	<i>Social Science</i>
FRANK A. BEU, Ph.D.....	<i>Education</i>
HAROLD MAXON CAVINS, Ph.D.....	<i>Biological Science</i>
NORMAN CARLS, Ph.D.....	<i>Geography</i>
CHARLES HUBERT COLEMAN, Ph.D.....	<i>Social Science</i>
LEO J. DVORAK, Ph.D.....	<i>Music</i>
KEVIN GUINAUGH, Ph.D.....	<i>Foreign Language</i>
WALTER A. KLEHM, Ed.D.....	<i>Industrial Arts</i>
ISABEL MCKINNEY, M.A.....	<i>English</i>
JAMES GLENN ROSS, Ph.D.....	<i>Speech</i>
DONALD ALLEN ROTHSCHILD, Ph.D.....	<i>Education</i>
GLENN HURON SEYMOUR, Ph.D.....	<i>Social Science</i>
EDSON H. TAYLOR, Ph.D.....	<i>Mathematics</i>
SIMEON E. THOMAS, LL.D.....	<i>Social Science</i>
CLARENCE M. WHITE, M.S.....	<i>Industrial Arts</i>
MILDRED R. WHITING, Ph.D.....	<i>Art</i>
HOWARD DEFORD WIDGER, Ph.D.....	<i>English</i>
WILLIAM G. WOOD, Ph.D.....	<i>Social Science</i>
WILLIAM H. ZEIGEL, Ph.D.....	<i>Education</i>

EMERITUS FACULTY

ELLEN A. FORD, A.M.....	<i>Dean Emeritus</i>
ANNIE LAURA WELER, A.B., S.B....	<i>Professor Emeritus</i>
ALBERT B. CROWE, A.M.....	<i>Associate Professor Emeritus</i>
FRIEDERICH KOCH	<i>Associate Professor Emeritus</i>
ANABEL JOHNSON, A.M.....	<i>Instructor Emeritus</i>
GILBERTA COFFMAN	<i>Instructor Emeritus</i>
ANNA HOLDEN MORSE.....	<i>Instructor Emeritus</i>

Inactive Instructor in Order for Emeritus Rating

EDITH E. RAGAN.....	<i>Instructor</i>
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LOCATION

Charleston, county seat of Coles County, is located on the New York Central (Big Four) Railroad running between St. Louis and Indianapolis, and on the Nickel Plate Railroad running between St. Louis and Toledo. The main line of the Illinois Central Railroad, extending south from Chicago, passes through Mattoon, twelve miles to the west of Charleston. The city has a population of 8,218.

Charleston is on Illinois Route 16, running across Illinois through Litchfield, Hillsboro, Pana, Shelbyville, Mattoon, Charleston, and Paris, and eastward to Terre Haute, Indiana. Illinois Route 130 begins at Charleston and extends south through Greenup, Newton, and Olney to Albion, Illinois.

A bus-line connects west with Mattoon, Decatur, and Springfield and east with Paris, Terre Haute, and Indianapolis.

Distances in miles from Charleston by paved highway are:

Chicago	200	Flora	78
St. Louis	145	Lawrenceville	81
Terre Haute	51	Danville	64
Decatur	57	Vandalia	73
Champaign-Urbana	58	Olney	57
Salem	86	Pana	54

HISTORY

In order to provide more adequate facilities for the training of teachers for the public schools of the state, the General Assembly of Illinois, by an act approved May 22, 1895, established the Eastern Illinois State Normal School. By an act of 1921 the institution became the "Eastern Illinois State Teachers College at Charleston." On September 7, 1895, the five trustees provided for in the act selected a beautiful forty-acre tract of land three-quarters of a mile south of the public square of Charleston. The citizens of Charleston bought the land and presented it to the state.

December 2, 1895, the contract was made for the erection of the building at a cost of \$180,000. The corner stone was laid on the afternoon of May 27, 1896. The building and grounds were dedicated August 29, 1899, and on September 12, 1899, the institution was opened to students.

S. M. Inglis, chosen to be the first president of the institution in 1898, never served in this capacity due to his death in that same year.

Livingston C. Lord became the first president, opening the school on September 12, 1899, and served as administrator until his death, May 15, 1933. Edson H. Taylor, Professor of Mathematics served as acting president from May 16, 1933, until September 30, 1933. Robert G. Buzzard began service as the second president on October 1, 1933.

During the first year there were nineteen members of the faculty and two hundred and forty students. At the end of the first year, June, 1900, four students were granted the diploma of the school. In 1940 one hundred and forty-one students were graduated with the Bachelor of Education degree and forty-three students received the Junior College diploma.

During the summer of 1901, a six weeks session was offered for teachers. From 1920 to 1932, the college offered a twelve weeks summer quarter. In 1933 and 1934 a six weeks summer term was offered. Since 1935 an eight weeks summer term has been offered. A mid-spring session of six weeks was offered from 1922 to 1929.

In 1907 the power of conferring degrees was granted to the institution by the General Assembly. Courses leading to the degree of Bachelor of Education (B.Ed.) were announced in 1920.

EQUIPMENT

Grounds. The grounds comprise forty acres, including the campus proper, the forest plantation, and the athletic field. These grounds are considered exceptionally beautiful. A natural grove and other fine trees, a wide stretch of green, many borders of shrubbery and perennials, and a formal garden present a succession of pictures throughout the year. In the main grounds are the tennis courts, the children's playground, and the formal garden. The forest plantation, planted during the early years of the institution, now includes several acres of trees, much used in botanical and zoölogical studies, a picnic ground, and a rock garden. In the adjoining athletic field are the football field and a quarter-mile cinder track.

A seventy-two acre tract of farm land was added to the campus in 1931 through an appropriation of \$21,600 made by the General Assembly. This tract of land contains a baseball diamond, several football practice fields, and a nine-hole golf course. The farm house is used as a co-operative dormitory by a group of men students.

Main Building. The main building is a three-story structure, three hundred twenty-three feet in length, built of rough Bedford stone. It is in the Norman style, with a tower which is the neighborhood landmark. In this building are offices, the library, the assembly room, music and art rooms, and classrooms.

Training School Building. The Legislature of 1911 appropriated \$75,000 for a training school building. It is of smooth Bedford stone, and was completed in 1913. It provides a double classroom for each grade, contains a children's library, laboratory rooms for art and music, and offices for the Principal of the Elementary School and the Department of Education.

Pemberton Hall. The Legislature of 1907 appropriated \$100,000 for a woman's building and gymnasium—the first appropriation for a woman's building ever made in the State of Illinois. A fine stone structure was finished and occupied January 4, 1909. The building has been recently refurnished and remodeled and is now in excellent condition to serve as a dormitory for ninety-one students.

Practical Arts Building. The Legislature of 1925 appropriated \$175,000 for a practical arts building, which was completed in 1929. This building furnishes facilities for students who wish to specialize in industrial arts and home economics for teaching in the Smith-Hughes Vocational Schools.

Shops are provided for practice in hand and machine woodwork, metal machine shops and automobile repair, sheet metal work, general metal, electrical construction and installation, printing and mechanical drawing. These shops are well lighted and are on the first floor of the building. The basement is divided into classrooms, storage rooms, and locker rooms.

The home economics department occupies the entire second floor of this building. Here are food laboratories, sewing rooms, fitting rooms, a lecture room, a dining room, a unit kitchen, a foods classroom, offices, and reception room.

Health Education and Science Buildings. In 1935 the General Assembly appropriated \$1,000,000 for buildings and betterments at the state teachers colleges. The Normal School Board allotted \$350,000 for Health Education and Science buildings at Charleston, and the Federal Public Works Administration added \$285,750 as a building grant. Construction on the Health Education Building began on December 11, 1936, and the building was dedicated on May 14, 1938. With equipment and grading the cost of this building approximates \$490,000. The rise of building costs necessitated an allotment of an additional \$175,000 for the construction of the Science Building. Work on this building began in June, 1937 and the building was completed in September, 1939. The cost of the building and equipment approximates \$383,000.

Library. The library contains 58,520 books and pamphlets. The reference books, bound periodicals, and reserve books are shelved in the two reading rooms. Here are also found the current numbers of 341 periodicals, including many devoted to special subjects. A children's library, containing 3,000 books, occupies a commodious room at the north end of the third floor of the training school building. A children's librarian is in charge. The library has a dictionary card catalogue and the books are classified according to the Dewey decimal system. There is a large collection of classified pictures. Four librarians are in charge. *Lessons in the use of the library* are required in all curricula as explained in the Description of Courses.

Greenhouse. A four-room greenhouse contains many plants of unusual interest and serves as an adjunct to the botanical laboratories.

Additional facilities for field observation and for obtaining laboratory materials are offered by a forest plantation within five minutes' walk of the biological laboratories.

Laboratories. The Science Building affords adequate laboratory facilities for college classes in botany, chemistry, geography, geology, hygiene, physics, and zoology. The biological and physical science laboratories for the high school are also located in this building.

RATING

The Eastern Illinois State Teachers College is recognized with full standing as a Teachers College in the American Association of Teachers Colleges. It is an accredited college in the North Central Association of Colleges and Secondary Schools, and is recognized as an institution whose degree admits to full graduate standing in the University of Illinois.

EXPENSES

Tuition is free to legal residents of Illinois who agree to teach in the public schools of the State for a period equal to the time spent in college. Students who do not take a required course leading toward a teacher's certificate, a diploma, or a degree must pay tuition of \$15.00 a quarter in addition to all fees described below. Students not registered for required physical education or library use will be regarded as tuition students, unless these courses have been completed.

Students dropped or on probation from other colleges for scholastic or disciplinary reasons shall be admitted on the same conditions on which they would be readmitted to the institution from which they were dropped or placed on probation.

Such students must pay the tuition fee of \$15.00 a quarter plus the fees listed below, unless they have been out of school for one year, and until one quarter of work has been completed with a scholarship average of C.

Students who are on probation for two consecutive quarters are excluded from attendance for the period of one calendar year unless tuition is paid and they are given special permission by the Dean to remain. They are reported as "Dropped on account of low scholarship" if record is transferred to another college.

The original transcript of a student's record with one carbon copy will be mailed upon request without cost to the student; but a charge of \$1.00 is made for additional copies of this transcript sent later.

The Normal School Board ruled on August 22, 1938, "That no credits be issued for transfer to any school unless the applicant for such transfer shall furnish satisfactory proof that he intends to go into the teaching profession, or until tuition is paid for the time the applicant attends as required by the ruling of the Normal School Board."

Fees for each quarter (12 weeks) are \$19.50, distributed as follows:

Registration	\$10.00
Student Activity Fee.....	6.00

\$16.00

Book Rental Fee (as described below).....	3.50
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Total	\$19.50
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A deposit of \$3.00 is required for a breakage fee ticket in all chemistry courses except Chemistry 340. Refund is made at the end of the quarter of amount not used for actual breakage and normal usage.

Fees for materials used are paid in certain courses in art, home economics, and industrial arts. Completed projects are the property of the student. A fee of \$1.00 per quarter is required of students taking laboratory science courses to cover supplies and breakage, for music instruments, technique courses in music, and typewriting.

All laboratory and materials fees must be paid within ten days after registration or enrollment in classes is automatically terminated.

A \$5.00 graduation fee for either a diploma or a degree is payable on April 1. This fee covers all graduation expenses, including use of cap and gown.

A towel deposit of seventy-five cents is required for each student in physical education each quarter. Fifty cents of this amount is refunded when the towel is returned at the end of the quarter.

There is no refund of any fees in case a student withdraws his registration after the first ten days of the quarter. Application for this refund must be received by the Registrar within ten days after the official registration day.

COLLEGE TEXTBOOK LIBRARY

The Eastern Illinois State Teachers College offers a plan of providing adequate textbooks for all classes at unusually low cost. The college operates a bookstore on a flat rental basis. At registration each college student pays a book-rental fee of \$3.50, and is furnished all the textbooks needed in the courses for which he is registered. Laboratory manuals and special notebooks are procured by the student at additional cost as needed. All textbooks must be returned in satisfactory condition by a specified time at the end of each quarter or a fine of one dollar is incurred.

Books lost or damaged other than by ordinary wear must be paid for before the student's grades for that quarter are officially released. Students noting damage or markings in textbooks issued to them must report such condition to the bookstore within the first two weeks of the quarter or be held liable for such damage.

PENALTIES

Late Registration. An additional fee of \$1.00 is charged if a student fails to complete his registration on the date appointed for registration as announced in this catalogue.

Change in Program. An additional fee of \$1.00 is charged if a change in program is made after the third day of the quarter.

Textbook Library Record. An additional fee of \$1.00 is charged if the student's record at the textbook library is not clear at the close of each quarter.

General Library Record. An additional fee of fifty cents is charged if the student's fine record at the general college library is not clear at the close of each quarter.

Intelligence Tests. An additional fee of \$1.00 is charged each student who does not take the intelligence tests on the day when they are scheduled.

Student Photograph. An additional fee of fifty cents is charged if five prints of the student's photograph to be taken by the official photographer are not filed in the Registrar's Office *within three weeks after registration*. There is no charge to the student for the photographs if they are taken within the period mentioned.

BOARD AND ROOM

Room without board can be obtained in private families for from \$1.75 to \$2.50 a week for each student (two students sharing the room).

Pemberton Hall. The women's dormitory provides rooms, including heat and light, with privileges of laundry, varying from \$24.00 to \$30.00 per quarter, payable monthly in advance. For table board, \$60.00 a quarter is charged, payable monthly in advance (\$20.00 at the beginning of each month).

A limited number of students may secure board only in the dormitory at the rate of \$5.00 a week.

A deposit of \$5.00 is required for a reservation at Pemberton Hall. Reservation is filed at the hall when deposit is received and credited at the business office. Application blanks will be sent at the request of students. In case of withdrawal a student must pay room rent for the current month, and board for the current week.

The deposit is credited to the student as part of the first month's payment but forfeited unless the student cancels the reservation two weeks prior to the opening of the quarter.

Cooperative Dining Service. There are three cooperative dining services for men students, one of which, the Panther's Lair, is sponsored by the college. The other two are sponsored by fraternities and are subject to college supervision. Members of the services share in the work, with each member working approximately one-half hour each day. The actual cost of food is divided among the members once a week. Last year the cost averaged \$2.60 a week for each member. Further information may be obtained by writing to the Dean of Men.

Housing Bureau. The college maintains a Housing Bureau in order to assist students in finding rooms. Householders who have rooms to rent to students are registered with the bureau; the rooms are inspected and when approved are put on the list of available rooms. Approved rooming houses display cards with such announcement.

The Dean of Men is in charge of the approved list of rooms for men, and the Dean of Women is in charge of the list for women. Students may obtain this list by writing or may secure this information upon arrival at the college.

SCHOLARSHIPS

Army and Navy Scholarships. Men who served in the United States Army or Navy in the World War and who were residents of Illinois at the time of entering the service are exempt from the payment of tuition and registration fee (\$10.00). They pay only the student activity fee of \$6.00 and the book rental fee of \$3.50.

Normal School Scholarships. The State Legislature passed an act in 1935 stating that:

There shall be awarded annually to each recognized four-year high school with an enrollment of less than five hundred (500) students one (1) scholarship; to each recognized four-year high school with an enrollment of five hundred (500) to one thousand (1,000) students, inclusive, two (2) scholarships; and to each recognized four-year high school with an enrollment of more than one thousand (1,000) students, three (3) scholarships. Each scholarship shall entitle the holder thereof to gratuitous instruction in any state normal school or teachers college for a period of four years.

The county superintendent of schools will certify the names and addresses of such students so certified to him to the Superintendent of Public Instruction, who shall issue to each student a certificate of scholarship which shall be accepted by the authorities of any state normal school or teachers college in lieu of any entrance examination, and shall exempt the holder thereof from the payment of any tuition, matriculation, or incidental fees whatsoever, which are remitted to the State Treasurer.

Holders of Normal School Scholarships pay only the student activity fee of \$6.00 a quarter and the book rental fee of \$3.50. The scholarship must be presented on registration day. Normal School Scholarships are honored only for three quarters of the regular year.

Lindly Scholarships. Holders of valid Lindly Scholarships, issued before 1936 and received at the time of graduation from the eighth grade, pay only \$6.00 for the student activity fee and the book rental fee of \$3.50.

The student must present the Lindly Scholarship at the time the fees are paid.

University of Illinois Graduate Scholarship. For three years the University of Illinois has offered a graduate scholarship to a degree graduate of not more than three years standing, engaged in educational work, of the value of remission of fees and a remuneration of three hundred dollars. The student nominated by the faculty for 1940-41 was Grace Genevieve Thompson, a major in Commerce.

The Florence Vane Skeffington Scholarship. In memory of Florence Vane Skeffington, whose rare abilities and personality gave character to the English work of this school for seventeen years, the Florence Vane Skeffington Scholarship is awarded annually at Commencement to a student whose gifts and attainments promise distinction in the teaching of English.

The award was given to Earl Lester Oliver for 1940-41.

The Livingston C. Lord Memorial Scholarship. The Alumni Association of the Teachers College has established a scholarship fund in memory of Livingston C. Lord, President of the College, 1899-1933.

This scholarship is awarded annually at Commencement from the interest on the fund to a junior or senior student whose character, scholarship, and skill in teaching promise service of distinction in the field of education. The award for 1940-41 was made to Norma Janet Hollman.

EDUCATIONAL BENEFIT ACT

The Illinois Educational Benefit Act of 1935 reads as follows:

Section 1. The sum appropriated under the provisions of this Act shall be used for the sole purpose of providing for matriculation fees, board and room rent and books and supplies for the use and benefit of the children not under sixteen and not over twenty-two years of age; and who have for twelve months had their domicile in the State of Illinois, of those World War veterans, who were killed in action or died from other causes in the World War, from April 6, 1917 to July 2, 1921, while serving in the army, navy or marine corps of the United States as a result of such service; which orphans are attending or may attend a state educational institution of a secondary or college grade. Said children shall be admitted to state institutions of secondary or college grade, free of tuition.

Application blanks to benefit from this act may be obtained from Mr. Frank G. Thompson, Director of the Department of Registration and Education, Springfield, Illinois.

LOAN FUNDS

The Student Loan Fund. The Student Loan Fund of the Eastern Illinois State Teachers College makes it possible for a student in the second half of the course to borrow, at a low rate of interest on a personal note, a sum of money that will help him to remain in college and complete the course. A grade point average of 1.5 (half way between C and B) is required.

Under the will of the late Dr. W. D. Morgan, of Charleston, there is given to the Student Loan Fund the annual income from about six thousand dollars, which is one-seventh of the estate. An additional amount will be received at the death of certain heirs.

The Adelia Carothers Fund. A fund known as "The Adelia Carothers Fund" has been established by Mrs. Ida Carothers Merriam and Mr. Charles G. Carothers in memory of their mother. This fund is to be loaned to young women students of high character and scholarship during the last half of their course.

STUDENT ACTIVITIES

In the belief that the extra-curricular activities of a college are an important agency for developing initiative, and for organizing ability and teamwork on the part of prospective teachers, the administration makes an effort to induce every student to participate. Activities that increase interest in departmental or subject-matter fields, in music, in dramatics and public speaking, in journalism, in organized social life, in current affairs, and in recreation and athletics form the college program. A Student Council has general supervision over student welfare, and consists of seventeen members: four elected from the senior class, three from the junior class, two from the sophomore class, and two from the freshman class. The remaining six, who are ex-officio members, are the four class presidents, the president of the Women's League, and the president of the Men's Union.

Extra-curricular activities are financed by a self-imposed Student Activity Fee paid at the time of registration. This fee covers admission to the numbers of the Entertainment Course, to athletic events,

to the all-school parties, to the musical programs, to college debates and oratorical contests, and entitles the student to a copy of the weekly paper, *The Teachers College News*, and if in attendance the three quarters of the regular year, to a copy of the college annual, *The Warbler*. This fee is divided among the various activities by an Apportionment Board of faculty and students on which student representation is in majority. The major activities are in turn governed by groups of faculty and students, with student representation in majority, such as the Entertainment Board, Athletic and Sports Board, the Forensics and Dramatics Board, the Music Activities Board, Health and Hospitalization Board, Student Publications Boards, and the Social Activities Board. Each organization receiving funds from the Student Activity Fee presents an annual accounting of receipts and disbursements through the President of the college to the State Normal School Board.

ENTERTAINMENT COURSE, 1940-41

October 16—Gladys Swarthout, soprano.

December 4—Poldi Mildner, pianist.

January 16—Vilhjalmur Stefansson, lecturer.

February 3—The Littlefield Ballet.

March 12—Ossy Renardy, violinist

May 9—Junior Plays, Inc. opera, "The Bumblebee Prince."

STUDENT PUBLICATIONS

An eight-page newspaper, *The Teachers College News*, is published weekly by a student staff under a faculty adviser, with Wednesday as date of issue. Special issues are devoted to various occasions of the college year. Staff membership is open to all students, and is usually achieved through completing the courses in journalism offered by the Department of English. For the last eleven years *The Teachers College News* has held first place in competitive ranking of the college newspapers of Illinois, and for the same period, the enviable position of "first class" in the ranking of the School of Journalism of Columbia University. In 1935 and 1937-1941, the high position of medalist was achieved in the Columbia rating. *The Teachers College News* is a member of the National, the Columbia University, and the Illinois College press associations.

The college yearbook, *The Warbler*, is issued annually as a pictorial and achievement record of the college year. A student editorial and business staff, supervised by a faculty adviser, is responsible for the publication. Staff membership is open to any student in college. *The Warbler* of 1937, 1938, 1939, and 1941 was rated medalist by Columbia University, and All-American rating by the National Scholastic Press Association was given to the *The Warbler* of 1938, 1939, and 1941.

SOCIAL ACTIVITIES

Social Activities Board. This committee has charge of student social affairs and is responsible for arranging the social calendar, for

maintaining a balanced social program, and for exercising general supervision of all social activities of the college. All social functions are scheduled by the school calendar, and supervision by committees and chaperons arranged two weeks in advance. No social affair may continue after midnight on Saturday night. The Dean of Women and the Dean of Men are the faculty members charged with directing the social welfare of the student body, and are members ex-officio of the Social Activities Board.

The general social life of the college is carried on by The Men's Union and The Women's League, working in cooperation with the Dean of Men and the Dean of Women. The major activities are in turn governed by a series of nine other boards made up of faculty and students, with duties implied in the names given them. The boards for 1940-41 are:

Apportionment Board

Faculty

S. E. Thomas, Chairman
Charles S. Spooner
William H. Zeigel
Ruth Hostetler
Rose Zeller

Students

Dean Arnold '42
Frances Burgener '41
Charles Crites '41
Jeanne Cress '43
William Couch '43
Betty Markel '42
Helen Thomas '41

Athletics and Sports Board

Faculty

Charles P. Lantz, Chairman
Florence McAfee
James Thompson
Donald R. Alter
Walter M. Scruggs

Students

William Glenn '41
Paul Jones '42
Jane Lumbrick '43
Betty Markel '42
Orval Spurlin '41
Ray Suddarth '41

Entertainment Board

Faculty

Glenn H. Seymour, Chairman
Charles H. Coleman
Rudolph K. Anfinson
Winnie D. Neely
Mildred R. Whiting

Students

Burdette Constant '42
Carroll Endsley '42
Jean Gossett '43
William Humes '43
Betty King '41
Fae Maness '43
John Voigt '42

Forensics and Dramatics Board

Faculty

Glenn J. Ross, Chairman
Robert A. Shiley
William G. Wood
Seth A. Fessenden
Grace Williams

Students

Doris Birgee '43
Elbert Fairchild '43
Harold Lee Hayes '42
Martha Moore, '43
Edward Rennels '42
Robert Spivey '42

Health and Hospitalization Board*Faculty*

Sidney B. Goff, Chairman
 Harold M. Cavins
 Mary Thompson
 Walter M. Scruggs
 Earl S. Dickerson

Students

President, Senior Class,
 Orval Spurlin '41
 President, Junior Class,
 William Wise '42
 President, Sophomore Class,
 Albourne Long '43
 President, Freshman Class,
 Richard Fisher '44
 President, Women's League,
 Jane Abbott '42
 President, Men's Union,
 Robert Mirus '41
 President, Student Council,
 Betty King '41

Music Activities Board*Faculty*

Leo J. Dvorak, Chairman
 Hobart F. Heller
 Ora L. Railsback
 Elizabeth Michael
 Ethel I. Hanson

Students

Jane Abbott '42
 Frances Faught '42
 Owen Harlan '41
 William Holladay '42
 Herbert Lee '43
 Russell Myers '41
 Ruth White '42

Social Activities Board*Faculty*

Stanley Robinson, Chairman
 Hobart F. Heller
 Elizabeth K. Lawson
 Frank L. Verwiebe
 Robert Warner

Students

Dean Arnold '42
 Earl Baughman '44
 Jeanne Cress '43
 William Couch '43
 Eugene Harre '44
 Paul Jones '42
 Betty Markel '42

Student Publications Board*Faculty*

Franklyn L. Andrews, Chairman
 Roy Wilson
 Russell Landis
 Kevin Guinagh
 Eugene M. Waffle

Students

Editor, The Warbler
 Editor, The T. C. News
 Bus. Mgr., The Warbler
 Bus. Mgr., The T. C. News
 Dorothy Hensen '42
 Albourne Long '43
 Howard Skidmore '42

Men's Union. All men students are, by right of registration, members of the Men's Union. Organized during 1930-31, the group

endeavors to create a feeling of unity among the men and to promote all-school activities.

Women's League. Every woman upon registration becomes automatically a member of the Women's League. Organized during 1930-31, the League promotes solidarity of social life and service among the women students. The women are organized into groups called Units, and government is vested in a Council of Nine, elected from the membership at large.

ATHLETIC ACTIVITIES

The college is a member of the Illinois Intercollegiate Athletic Conference, generally known as the "Little Nineteen Conference," and maintains athletic teams for intercollegiate competition in football, basketball, baseball, track, tennis, golf, and cross-country running. In 1939 the golf team won first place in the Teachers College match and first place in the Little Nineteen. A well-organized program of intramural games for men is carried out. Wearers of the varsity monogram achieved through athletic competition are organized into the Varsity Club. This group of men endeavors to promote the various phases of college athletics.

The women's athletic program is under the direction of the Women's Athletic Association. Participation in various "play days" among the Illinois Colleges is a part of the year's program.

SPEECH ACTIVITIES

Dramatics. The college dramatics organization is known as "The Players." It is one of the largest and most active organizations on the campus. Leading activities include the annual presentation of three major productions. Tryouts for parts in most of these plays are open to all students. A system of regular meetings deals practically with the activities connected with the amateur stage and permits student production of a series of one-act plays. Accumulated participation in dramatics elects to membership in Illinois Epsilon Chapter of Theta Alpha Phi, national honorary dramatics society.

The Health Education Building includes a large stage, supplied with modern equipment. There are two large dressing rooms and a make-up room. The lighting equipment includes a remote-control, interlocking major switchboard, footlights, x-ray border lights, floods, and spotlights.

Forensics. College forensics include a program of intramural speech events and intercollegiate competition for both men and women in debate, oratory, extempore speaking, and discussion. The forensics club is known as "The Speakers." Each year the club sponsors a program of intramural speaking activities, including debating, discussion, original oratory, extempore speaking, oratorical declamation, serious, comedy, poetry, and scripture readings. Participation is open to all students.

Eastern is the home of Illinois Sigma Chapter of Pi Kappa Delta, national honorary forensics fraternity. The College is also a member of the Illinois Intercollegiate Oratorical Association.

In 1940-41 Eastern won the Pi Kappa Delta Illinois-Wisconsin Province oratorical contest at North Central College, the State contest of the Illinois Intercollegiate Oratorical Association at Lake Forest College, and the State peace intercollegiate oratorical contest at North Central College. The college placed second in the women's State oratorical contest; fourth in the Pi Kappa Delta Province contest; and third in the State extempore speaking contest.

During the year 1940-41 Eastern's debaters competed with leading colleges and universities of the Middle West in tournaments on the local campus, at Illinois State Normal University, at the State Teachers College, Whitewater, Wisconsin, at Huntington College, at Millikin University, and at North Central College. The woman's debate team went through the Pi Kappa Delta Province tournament undefeated. The women's teams as a whole won third place in the tournament. In the Manchester debate tournament (Huntington Division) in which over sixty colleges and universities from eight states participated, Eastern's record was the best among colleges having the same number of teams entered.

During 1940-41 Eastern's orators, debaters, and other speakers appeared before more than thirty service clubs, study clubs, high schools, church groups, and other organizations.

Speech Correction Clinic. In the work of the clinic the faculty director and student assistants guide speech-handicapped children toward rehabilitation.

MUSIC ACTIVITIES

A variety of music organizations at Eastern provides opportunities for musical growth through enjoyable activities which, in turn, contribute richly to the life of the College. Instrumental organizations include a uniformed marching band which functions during the football season, a concert band of complete instrumentation, and a concert orchestra. The major choral organizations are the A Cappella Choir, the Men's Glee Club, and the Cecilian Singers. Small vocal and instrumental ensembles afford additional opportunities for talented students to participate in studying and recreating music appropriate to these media.

All the major organizations provide musical selections for chapel and various programs throughout the year, uniting to present the "Messiah" at Christmas in alternate years, and an oratorio or opera in the spring. The Glee Clubs, the College A Cappella Choir, the Orchestra and the Symphonic Band annually present public concerts and represent the College in radio broadcasts and in concert tours through eastern and central Illinois.

DEPARTMENTAL CLUBS

Clubs with regularly scheduled meetings are maintained by several departments and by student-faculty groups with common interests.

Off-campus speakers often appear on the programs of these clubs. Clubs under present recognition are:

Art Club, an organization of art majors and minors, and other students interested in art. The club sponsors exhibitions, lectures on art and other subjects, and social affairs for its members. The club is affiliated with the American Federation of Arts.

Commerce Club, organized by students majoring and minoring in this field, to promote the professional growth, recreation, and general welfare of its members.

Country Life Club, sponsored by students expecting to teach in rural schools.

Eastern State Club, campus organization formed in 1937, whose membership is limited to 35 students, directs its efforts toward promoting greater student, faculty and alumni interest in college affairs. It constantly searches for worthwhile things to do which will contribute to the progress of the college. Recent activities have included the preparation of a design for college pennants, and the sale of these; preparation of the complimentary souvenir programs for the Silver Jubilee Homecoming; election each fall of a Football Greeter; distribution of posters and other promotional work for important campus events; assistance in the management of athletic events; decoration of the college towers for the Christmas holiday season; and introduction of the plan for electing Marshals and Aides in the Junior Class. Early in 1940, the organization voted to elect one faculty member to honorary membership each year. President Robert G. Buzzard was chosen as the first honorary member.

The Forum, a discussion group of faculty and students interested in current economic, political, and social problems.

French Club, organized for improving conversation in French and the study of French life.

Geography Club, sponsored by students using geography as a major or minor teaching subject.

Home Economics Club, maintained by young women enrolled in the home economics curriculum, and affiliated with the Illinois State and the National Home Economics Associations.

Industrial Arts Club, organized for the professional and social advancement of young men expecting to teach in this field, and serving as campus hosts for the Illinois Tenth District Round Table of industrial arts teachers which comes to the campus four times a year.

Mathematics Club, formed by students desiring to discuss phases of mathematics not included in regular courses in that subject.

Music Club, a joint club for students, faculty and others interested in music. The giving of an oratorio at the Easter season is an outgrowth of the work of this club.

The Players is open to students interested in the technique of dramatic art. Joint meetings are held with Theta Alpha Phi, and the club functions as preliminary training for membership in the fraternity.

Science Club, organized by students majoring in botany, zoology, physics, chemistry, or geography, so that an exchange of knowledge in other scientific fields may be mutually made.

Speakers Club, open to students interested in speech activities, such as debating, oratory, extempore speaking, discussion, and interpretation. Joint meetings are held with the Sigma Chapter of Pi Kappa Delta, national honorary forensic fraternity, to which qualified members of "The Speakers" are elected on the basis of intercollegiate participation.

Writers Club, sponsored by the Department of English to encourage attempts at creative writing. Joint meetings are held with the Sigma Tau Delta fraternity, and the club functions as preliminary training for membership in the fraternity.

HONORARY FRATERNITIES

Kappa Delta Pi—Beta Psi Chapter of Kappa Delta Pi, international honor society in Education, was installed January 2, 1931. Students are elected to membership primarily upon the basis of high scholarship, good character, and promise of success in teaching. Election to membership is held twice each year.

Sigma Tau Delta—Upsilon Gamma Chapter of Sigma Tau Delta, a national professional English fraternity, was installed February 15, 1932. Only honor students in English in the senior college are eligible and the number initiated is limited by the national constitution. Associate and local members are chosen from among students who show marked ability in written expression.

Epsilon Pi Tau—Iota Chapter of Epsilon Pi Tau, a national honorary fraternity in Industrial Arts, was installed May 25, 1933. Membership is limited to students with high scholarship in Industrial Arts and with personal qualifications that promise success in teaching. Active membership in the Industrial Arts Club is a qualification for membership.

Kappa Mu Epsilon—Illinois Beta Chapter of Kappa Mu Epsilon, national professional fraternity in Mathematics, was installed April 11, 1935. This fraternity promotes interest and stimulates scholastic achievement in mathematics, and works in close alliance with the Mathematics Club.

Theta Alpha Phi—Illinois Epsilon Chapter of Theta Alpha Phi, a national honorary fraternity in Dramatics, was installed June 6, 1938. Membership in this society is awarded on the basis of merit in Dramatics. The purposes of this organization are to increase interest, stimulate creativeness, and foster artistic achievement in all of the

allied arts and crafts of the theater. In pursuance of these ends, the fraternity cooperates with "The Players."

Kappa Pi—Chi Chapter of Kappa Pi, a national honorary Art fraternity, was installed May 15, 1939. Men and women in the senior college who meet the national requirements for scholarship in art and personal qualifications are eligible for election. Activities are coordinated closely with those of the Art Club.

Sigma Delta—a local journalistic club, was formed in 1930 to stimulate the expression of student opinion through the college newspaper. Membership is limited to persons on the staff of *The Teachers College News* who display an active and constructive interest in student problems.

Pi Kappa Delta—Illinois Sigma Chapter of Pi Kappa Delta, a national honorary fraternity in forensics, was installed May 4, 1940. Membership in this society is awarded on the basis of creditable participation in inter-collegiate debate, oratory, and extempore speaking. Degrees of distinction, honor, and proficiency are conferred on the basis of merit and achievement. The fraternity works in conjunction with "The Speakers."

Pi Omega Pi—Alpha Chi Chapter of Pi Omega Pi, a national honorary fraternity in business education, was installed May 26, 1940. The purposes of this fraternity are to promote the general advancement of business education, encourage and foster high ethical standards in business and professional life, develop wholesome fellowship, and teach the ideal of service as the basis of all worthy enterprise. This organization cooperates with the activities of the Commerce Club.

Gamma Theta Upsilon—Rho Chapter of Gamma Theta Upsilon, a national professional Geography fraternity, was installed July 9, 1940. The purpose is to promote Geography in Education. Only Geography majors and minors of high scholarship are elected to membership. The fraternity cooperates with the Geography Club.

SOCIAL FRATERNITIES

Fidelis, a local fraternity established in 1929, selects its members according to their prominence in worthy school enterprises, and their social, scholastic, and athletic aptitudes. In 1936, immediately after having secured a house, the fraternity established a cooperative dining service. Although fifteen or more members live at the house, thirty men are enrolled for the dining service, not all of whom are members.

Phi Sigma Epsilon, Delta Chapter, a national social fraternity in teachers' colleges, was installed March 4, 1930. The fraternity selects its members according to their scholarship, their social activities, and their general cooperation in promoting college life. There are about forty members. Cooperative dining service is maintained at the fraternity house.

Alpha Tau Nu, a local organization, is Eastern's first sorority. It was officially recognized in December, 1939. Arrangements for a

house and dining service have been made. There is a strong alumnae group. The active membership may include forty. Members are chosen for promise and achievement in scholarship, moral integrity, unselfishness, social grace, leadership, and intelligent participation in school activities.

REGULATIONS FOR STUDENT ACTIVITIES

1. No extra-curricular organization, club, sorority, or fraternity may be organized without recognition by the faculty committee on student activities.

2. All organizations must file a copy of their constitution and by-laws with the faculty committee.

3. Any organization whose activities are suspended by the president of the school must apply to the faculty committee for reinstatement.

4. No organization may have a business or social meeting or a rehearsal on the campus without a faculty adviser present.

5. No student may hold more than one of the following offices in student organizations:

Class president,

Editor of the Warbler or News,

Business Manager of the Warbler or News,

President of a fraternity,

Treasurer of any student organization.

A student elected to one of these major offices in student organizations may not hold more than one other office in class or other student activity.

All officers must maintain the academic standing required for admission to student teaching.

All organizations must file a list of all officers, as soon as they are elected, with the chairman of the faculty committee.

6. Any student falling below the academic standing required of athletes is not permitted to take part in extra-curricular activities or organizations.

CHICAGO ALUMNI CLUB

The Charleston Club of Chicago, an organization of graduates, former students and faculty, meets once each year. Former students living in the Chicago metropolitan area will be notified of these meetings if they will send their names to the secretary, J. Stanley McIntosh, 7740 Eastlake Terrace, Chicago, Illinois.

THE ALUMNI ASSOCIATION

Alumni Day is observed annually in the spring. On Alumni Day, May 25, 1940, the annual reunion was held in connection with the dedication of the new Science Building. Dr. Harvey Brace Lemon, Professor of Physics at the University of Chicago, gave the main address, "New Frontiers in Education and Research."

Officers of the Alumni Association for 1940-41 are: Mr. Arthur Forster, '23, President and Chairman of the Executive Committee; Mr. Bruce Corzine, '13, Vice-President; Miss Christina Dearnbarger, '20, Secretary and Treasurer; Mr. Roy Wilson, '36, Executive Secretary.

Executive Committee

Mr. Roy Wilson, '36 (term expires in 1941).
Mrs. Thomas Manuell (Carrie Jordan), '12 (term expires in 1941).
Miss Emily Orcutt, '08 (term expires in 1942).
Miss Grace Gordon, '24 (term expires in 1942).
Mr. Ferdinand Homann, '08 (term expires in 1943).
Dr. Ciney Rich, '12 (term expires in 1943).

ASSOCIATED EASTERN STATE CLUBS

Since 1937, twenty-one Eastern State Clubs composed of graduates and former students have been formed. With the exception of the Springfield club, which includes central Illinois people, all were organized on a county basis. These units help to provide a better means of fellowship among teachers, keep graduates and former students in touch with each other and with the college program, and are instrumental in furthering a mutual service program for Eastern and her alumni. Dinner meetings are held in the various counties, with students and faculty members from the campus taking part in the program. The activities of the clubs, which help to keep former students in contact with college events, are instrumental in bringing large groups back for Homecoming in the fall.

On Alumni Day, May 14, 1938, officers of the clubs met on the campus and formed the Associated Eastern State Clubs. An Executive Council composed of ten persons was chosen to direct the affairs of the clubs. The president of the student Eastern State Club on campus is elected for one year. Roy Wilson, director of alumni activities, was designated as secretary-editor of the clubs and made an ex-officio member of the Council. The president of the Alumni Association automatically becomes a member of the Council, according to action taken by the Council on May 25, 1940. Other Council members are elected for two-year terms. Members of the Council for 1940-41 follow:

Mr. Luther Black, '31 Tuscola, Chairman (term expires in 1941).
Mr. Arthur Forster, '23, Paris, President, Alumni Association.
Mr. Herman Homann, '34, Altamont (term expires in 1941).
Mr. Paul Henry, '31, Taylorville (term expires in 1941).
Mr. LeRoy Gruenewald, '38, Newton (term expires in 1941).
Mr. Harold Cottingham, '35, Paris (term expires in 1942).
Mr. U. L. Evans, Shelbyville (term expires in 1942).
Mr. Everett L. Clinard, '33, Oblong (term expires in 1942).
Mrs. Thomas Manuell, '12, Decatur (term expires in 1942).
Mr. Owen Harlan, '41 (Student Member).

Mr. Roy Wilson, '36, Charleston (Secretary-Editor and Ex-Officio Member of Council).

THE BUREAU OF TEACHER PLACEMENT

The Bureau of Teacher Placement serves the public school officials of Illinois by assisting them in securing well-qualified teachers. Its purpose is also to assist any student or former student of the college in securing a teaching position.

It is the aim of the Bureau of Teacher Placement to furnish the prospective employer information needed in considering our applicants. This information is in pamphlet form and consists of the applicant's photograph, personal data, scholastic record, student-teaching record, high-school record, experience record, extra-curricular activity record, and home community references.

The bureau maintains a follow-up service by reports from supervising officers through which it keeps in touch with graduates who have been placed in teaching positions.

Registration with the bureau is a prerequisite to graduation from the college.

The services of the bureau are free to students enrolled in the college. Alumni who wish to register with the bureau are charged a \$1.00 registration fee.

THE CERTIFICATING LAW

I. The completion of the freshman year in any curriculum admits the student to examination for a limited elementary certificate.

II. The completion of the two-year diploma curriculum gives a limited elementary certificate.

III. The completion of the first two years in any curriculum (96 quarter hours) gives a limited elementary certificate, provided the student's credits include the following courses: (See also note below.)

English (English 120 and 121 or 126)	8 quarter hours
Mathematics or Natural Science (2 quarters)	8 quarter hours
History or Social Science (2 quar- ters)	8 quarter hours
Education—	
Educational Psychology—Education	
131 or 132 (2½ sem. hrs.).....	4 quarter hours
Principles of Education—Education	
223 or 343 (2½ sem. hrs.).....	4 quarter hours
Practice Teaching (Teaching 220, 221)	8 quarter hours
Electives	56 quarter hours

96 quarter hours

IV. Graduation with the degree gives a limited high school or a limited elementary certificate.

If the student has taught successfully for four years he may have also a supervisory certificate.

Note: For certification and graduation requirements relative to scholarship, see pages 54-56.

No student will be recommended for a limited elementary certificate until six quarters in required physical education, Penmanship 120, and Library 120 have been successfully completed. Any student in a four-year high school curriculum desiring to obtain a limited elementary certificate must show evidence of possessing sufficient fundamentals to pass a departmental examination in arithmetic, grammar, and geography unless courses covering these subjects are taken in the various departments.

It is the uniform practice of the five teachers colleges in Illinois that institutional credit blanks applying for a certificate shall be sent only to the State Examining Board.

ESSENTIAL FEATURES PERTAINING TO LIMITED CERTIFICATES PROVIDED FOR IN THE CERTIFICATING LAW ENACTED BY
THE FIFTY-SIXTH GENERAL ASSEMBLY, 1929

Analysis of Main Features of Certificates	NAME OF LIMITED CERTIFICATE				
	Super- visory	High School	Special	Kinder- garten Primary	Elemen- tary
(1)	(2)	(3)	(4)	(5)	(6)
I. SCOPE OF VALIDITY:					
(a) Duration of time.....	4 yr.	4 yr.	4 yr.	4 yr.	4 yr.
(b) General duties permitted.....	Teaching; super- vision	Teaching; super- vision	Teaching; super- vision	Teaching; supervision kinder- garten 1-2	Teaching; super- vision
(c) Grades of school system.....	1-12	7-12	1-12		1-10
II. REQUIREMENTS FOR ISSUE ON CREDITS:					
(a) College semester hours.....	120	120	60 ¹	60 ²	60
(b) Semester hours in education.....	15	15	12	Indefinite	10 ³
(c) Teaching experience.....	4 yr.	0	0	0	0
(d) ⁴ Renewal conditions.....	Success; growth	Success; growth	Success; growth	Success; growth	Success; growth
III. REQUIREMENTS FOR ISSUE BY EXAMINATION:					
(a) College semester hours.....	60	60	30	30 ²	30 ⁵
(b) Teaching experience.....	4 yr.	0	0	0	0
(c) Number of subjects written.....	5	10	3 or more	3	18
(d) College semester hours for renewal—					
1. First renewal.....	90	90	60 ¹	60 ²	60
2. Second renewal.....	120	120	60 ¹	60 ²	60
3. Third renewal, etc.....	120	120	60 ¹	60 ²	60
IV. ⁶CONDITIONS OF EXCHANGE FOR LIFE CERTIFICATE:					
(a) Years of successful experience.....	Super- vision 4 yr.	4 yr.	4 yr.	4 yr.	4 yr.
(b) College semester hours required.....	150	150	150 ⁷	120	120
(c) College semester hours in education.....	15	Indefinite	Indefinite	Indefinite	Indefinite
(d) Name of certificate received.....	Life super- visory	Life high school	Life special	Life kinder- garten primary	Life elemen- tary

¹ 20 hours in each subject named in certificate.

² Kindergarten-primary training.

³ 5 hours in practice teaching.

⁴ Evidence of successful teaching and professional growth are prerequisite to the renewal of all certificates.

⁵ 5 hours in education.

⁶ Life certificates may be obtained by successful examination and preparation of thesis if applicant fails in slight measure to meet hours of training required for exchange of limited certificate.

⁷ One year of graduate work in special subject or subjects named in certificate.

PART II: INSTRUCTION

ORGANIZATION

DIVISION OF THE YEAR

REGISTRATION

ADMISSION REQUIREMENTS

GRADUATION

SCHOLARSHIP

DEPARTMENT OF EXTENSION

CURRICULA

CREDIT

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DESCRIPTION OF CURRICULA

TRAINING SCHOOLS

DESCRIPTION OF COURSES

ORGANIZATION

The Eastern Illinois State Teachers College comprises the college department proper, the Training Schools on the campus, and the Affiliated Schools.

The Training Schools include the Teachers College Elementary School of grades one to eight inclusive, and the Teachers College High School of grades nine to twelve inclusive. The Teachers College High School is recognized as standard by the Office of the State Superintendent of Public Instruction, and is on the accredited list of the University of Illinois and of the North Central Association of Colleges and Secondary Schools.

The Affiliated Schools consist of three nearby one-room rural schools, Clear Springs, Muddy Point, and Oak Grove, the three-room Elementary School and the four-year accredited High School in the nearby village of Humboldt, and the Kansas Community High School.

DIVISION OF THE YEAR

The regular college year consists of three quarters of twelve weeks each.

An eight weeks' summer term is offered, which in 1942 begins June 15 and ends August 7.

REGISTRATION

New Students' Orientation Program: In the fall quarter a program of orientation for all freshmen and transfer students is given.

All new students (freshmen and transfer students) are requested to meet in the college auditorium at nine o'clock on Monday morning, September 8, 1941. At that time detailed plans for Monday, Tuesday, and Wednesday, September 8, 9 and 10, will be announced. Since students are given specific directions for registering when they assemble for the conference at nine o'clock on Monday, it is essential that every new student be present. Any new student who registers later than Monday is required to pay a late registration fee of one dollar.

Upper Classmen: All upper classmen, sophomores, juniors, and seniors, are expected to register on Wednesday, September 10, 1941.

Classwork for all students starts at 8 o'clock on Thursday morning, September 11.

ADMISSION REQUIREMENTS

Graduation from a recognized or accredited four-year high school admits to membership in the freshman class.

Probationary Admission: Fifteen acceptable units from a recognized high school. Requirements for high school graduation must be completed in freshman year.

Students transferring from other colleges must present high school and college credentials and are given advanced standing *only for work which is the equivalent of that offered in the Eastern Illinois State Teachers College.*

High school records and records of work in other colleges must be sent to the Registrar directly from the principal of the high school and from the registrar of the college that the student has attended. This should be done at least two weeks before the date of entering. No student will be classified until his record is received.

A registration permit is mailed to the student when his application for admission and his record have been checked and filed. An application for admission blank is in the back of the catalogue.

GRADUATION

The degree of Bachelor of Education (B.Ed.) is conferred upon those who complete a four-year curriculum, a Junior College diploma is granted to those who complete the two-year curriculum for preparation of teachers for the grades. Four-year curricula prepare teachers for high school, for special grade work, and for positions as principals, supervisors, and teachers of special subjects. *A year's resident work (Senior College credit) is required for a diploma or degree.*

One hundred and four quarter hours are required for a diploma and one hundred and ninety-nine quarter hours for a degree, except for majors in elementary education or commerce who are required to have two hundred quarter hours. Credit earned in dramatics, glee club, chorus, orchestra, or band is in excess of the total required for graduation.

Correspondence or extension work is accepted from accredited colleges to the extent of twenty-four quarter hours in the two-year curriculum and forty-eight quarter hours in a four-year curriculum.

Students who do not have a scholarship average of C cannot transfer in their last year credits from other colleges to count toward graduation from the two- or four-year curriculum.

For the degree, one-third of the student's credits toward graduation must be in courses not open to freshmen and sophomores. This requirement is in accordance with the standard of the American Association of Teachers Colleges.

The University of Illinois admits to full graduate standing all graduates of the Teachers College who present twenty semester hours of content courses in one major academic subject in addition to education.

Students planning to teach in high schools should see that their records satisfy the requirements of the Illinois Examining Board and the North Central Association.

The records of those who expect to complete a curriculum in a current year are checked at the beginning of each quarter and on

April 1. A statement of the courses necessary for the completion of his work is given to each of these students in the spring quarter of his junior year and is used by him in making his programs for succeeding quarters. The list of candidates for graduation is based on the checking of April 1. *No names will be added to the list of candidates for graduation after April 1.* A student who is not more than twelve quarter hours behind the class at that time may participate in commencement exercises with the class and receive his diploma or degree at the close of the summer term if he completes the work by that time. It is possible to earn twelve quarter hours in the eight weeks' summer term.

SCHOLARSHIP

Grades are expressed in letters as follows:

A, Excellent	3 grade points
B, Good	2 grade points
C, Average	1 grade point
D, Passing ¹	0 grade point
E, Incomplete work ²	0 grade point
W, (Withdraw) ³	0 grade point
F, Failure	—1 grade point

¹ Passing, but not accepted toward graduation or certification if more than one-fourth of the student's courses have a grade of D.

² A grade of E must be removed within the next quarter that the student is in residence, unless extension permission is secured from the Dean of the College.

³ The grade W (Withdraw) is recorded for a student who drops a course with the written permission of the Dean of the College after the beginning of the third week of the quarter. If the course is dropped because the student is failing, a grade of F is recorded. Dropping a course at any time *without the written permission of the Dean of the College* entails a grade of F (Failure).

I. *Graduation Honors.* These are figured on the basis of the scholarship record at the end of the winter quarter of the senior year, and the sophomore year in the case of two-year diploma graduates.

Graduation with high honors requires that a student receive a grade of A in three-fourths of his work and B average in the rest.

Graduation with honors requires a grade of A in one-half of the student's work; B or higher in one-fourth of his work; and C average in the rest.

Graduation honors are noted on the diploma and announced at Commencement.

II. *Scholarship Honors.* Scholarship honors on the same basis as graduation honors are announced for each quarter in the month after the beginning of the next regular quarter.

III. *Admission to Practice Teaching.* 1. For registration for practice teaching in any quarter in any curriculum a student must have a C average.

2. Students transferring from other colleges must be in attendance at least one eight weeks' summer term or one quarter during which they earn twelve or sixteen quarter hours of credit with a C grade or higher, respectively, before they are eligible for practice teaching.

3. Students in four-year curricula with an average of 1.5 grade points may be admitted to practice teaching in the sophomore or junior year.

4. No student may be admitted to practice teaching until he has achieved full sophomore standing and has completed at least eight quarter hours in education. Sophomores in the four-year curricula planning to qualify for the limited elementary certificate should elect Education 230, 231, 232 in the freshman year.

5. No senior college student (junior or senior) is eligible to take practice teaching until he has completed 6 quarter hours of required physical education and Library 120. Students in a four-year elementary or commerce curriculum must also have completed Penmanship 120 before being eligible for practice teaching.

IV. *Certification and Graduation Requirements.* C average is required for graduation and certification from the two- and four-year curricula. Not more than one-fourth of the student's grades may be D. This means that a student must have as many grades above C (1) as he has grades of D (0).

A C average in the major subject is also required for graduation.

Six quarters of required Physical Education, Library 120, and Penmanship 120, a total of 8 quarter hours, are counted as credit toward graduation beyond the 192 quarter hours required for graduation (or 96 quarter hours for the two-year diploma). These courses also count for credit toward certification.

V. *Extra Work.* No freshman may register for extra work in his first quarter.

No student may register for extra work in the first quarter in which he is taking practice teaching.

No student whose average is below B in the preceding quarter may register for extra work.

VI. *Probation.* 1. A student whose grade points total less than two ($A = 3$; $B = 2$; $C = 1$; $D = 0$; $F = -1$) in any quarter is on probation in the next quarter in which he is in attendance and is reported as on probation here if he has his record sent to another college.

2. A student who receives three grades of D in any one quarter is on probation the following quarter.

3. A student who is on probation for two consecutive quarters is excluded from attendance for the period of one calendar year unless tuition is paid and he is given special permission by the Dean of the College to remain. He is reported as "Dropped on account of low scholarship" if his record is transferred to another college.

4. A student who fails in one course and has lower than C average in the three remaining courses of that quarter is not permitted to register for more than three courses in the following quarter.

5. A student who fails in one-half of his work (2 courses) in one quarter is on probation for the following quarter.

6. In the summer term students who fail in one course and have less than C average in the two remaining courses, or who earn three grades of D, are on probation for the following quarter or term.

VII. *Exclusion.* A student failing in three courses, twelve quarter hours, in any quarter or in one-half of his work, eight quarter hours, in each of two consecutive quarters, is dropped from the college.

DEPARTMENT OF EXTENSION

The organization of the Extension Department at Eastern Illinois State Teachers College has made it possible for teachers in service to continue their education. With the present emphasis upon greater professional training for teachers, the opportunity to attain degree ranking or renewal of certification by means of extension work has been eagerly accepted by hundreds of students residing in all parts of the area served by the college. Extension work to the extent of not more than 24 quarter hours of credit on a two-year curriculum or 48 quarter hours of credit on a four-year curriculum is acceptable toward graduation. From the foregoing, it is quite obvious that this is a distinct advantage to teachers in service who cannot take residence work.

Organization. Classes are organized in county seats or other towns where twenty or more students can agree upon an acceptable course, and for which the college can release an instructor. Most of the courses offered are on the senior college level. This is due to the fact that the majority of students are working toward a degree. However, if a sponsoring group desires a course on the junior college level, such a course can be arranged.

Entrance. The courses are open to (1) high school graduates who desire additional credit, (2) those who desire only professional stimulation, (3) local citizens who desire to audit the course. Auditors receive no credit but are not excused from fees. Entrance is not dependent upon former attendance at the Eastern Illinois State Teachers College. Prerequisites for the course are adjusted between the instructor and student.

Credit. Classes meet two and one-half sixty-minute periods a week for sixteen weeks for which four quarter hours of credit are given upon satisfactory completion of the course. This credit is transferable, provided the work is in harmony with the curriculum pursued by the student. Since all curricula generally provide for electives, extension courses can easily be adjusted upon this basis.

Fees. The fees are \$5.00 for each course with an additional charge of \$1.50 for book rental. If the books are not obtainable from the college library, the rental fee is waived and the class must buy their own books.

Address all requests for bulletins and other inquiries concerning this work to Dr. Bryan Heise, Director of Extension, Eastern Illinois State Teachers College, Charleston, Illinois.

CURRICULA

I. A Two-Year Curriculum, 104 quarter hours, leading to a diploma and planned for preparation of teachers for the grades. The

diploma entitles the holder to a limited elementary school certificate without examination. The completion of the first year's work admits the student to an examination for a limited elementary certificate.

II. Four-Year Curricula, 199 quarter hours each*, for preparation of the following:

1. Elementary Grade Teachers (Lower Grades).
2. Elementary Grade Teachers (Upper Grades).
3. Rural Elementary School Teachers.
4. High-School Teachers and Teachers of Special Subjects:
 - A. Art.
 - B. Commerce.
 - C. English.
 - D. Foreign Language (Latin).
 - E. Geography.
 - F. Home Economics (Smith-Hughes).
 - G. Industrial Arts.
 - H. Mathematics.
 - I. Music.
 - J. Physical Education for Men.
 - K. Science (Biological: Botany or Zoology or both).
 - L. Science (Physical: Physics or Chemistry or both).
 - M. Social Science.
 - N. Speech.

CREDIT

The unit of measure is the quarter hour, representing one hour a week of prepared work for twelve weeks when the student load of prepared work is sixteen hours a week. It is equivalent to two-thirds of a semester hour.

A year's work is equivalent to 48 quarter hours (32 semester hours) of prepared work. A year's work in one subject is equivalent to 12 quarter hours (8 semester hours).

Seniors enrolled in freshman courses are allowed only eight quarter hours of credit for twelve quarter hours work.

Credit earned in dramatics, glee club, choir, chorus, orchestra, or band is in excess of the total required for graduation. The credit is recorded on the student's permanent record card and may play an important part when he is an applicant for a position.

A statement of the amount of credit is included in the description of each course.

NUMBERING OF COURSES

Courses numbered 100-199 are freshman courses; 201-299, sophomore courses; 300-399, junior courses; 401-499, senior courses.

* 200 quarter hours are required for graduation from the elementary curriculum and the commerce curriculum.

MAJOR AND MINOR SUBJECTS

In four-year curricula for high school teachers, a student takes 48 quarter hours of work in a major subject and 24 quarter hours each in one or two minor subjects, in some cases specified by the department of the major subject and in other cases left to the student's choice, but the courses in the minor subjects must constitute two years' work in some one department or related field.

A student may take the Bachelor of Education degree in elementary education, in which case he specializes in the subjects appropriate to this field, and he must have a minor in addition.

The student's program for graduation—his major and minor subjects and electives—must be approved by the Dean of the College.

DESCRIPTION OF CURRICULA

TWO-YEAR DIPLOMA CURRICULUM

(104 Quarter Hours)

FRESHMAN YEAR

<i>Fall</i>	<i>Winter</i>	<i>Spring</i>
Education 130	Education 131	Education 132
English 120	English 121	English 122 or 124 or 126
P. E. (2)	P. E. (2)	P. E. (2)
Library 120 (1)	Penmanship 120	

Select two of the following subjects each quarter: Mathematics 120, 121; Geography 120; Art 124; Music 120; Zoology 123 or Botany 120.

SOPHOMORE YEAR

Four of the following subjects are required each quarter: Education 224, 223; Social Science 233, 234 or Social Science 234, 235; Industrial Arts 224 or 225; Education 225 or Geography 221; Education 228; Hygiene 120; Teaching 220, 221, 222; 1 Elective. P. E. (3 quarters).

NOTES: 1. Mathematics 120 and Mathematics 121 must be taken in consecutive quarters.

2. Those preparing for upper grades should take English 124 or 126 and Geography 221.

3. Those preparing for the lower grades should take English 122 and Education 225.

4. One elective credit (4 quar. hrs.) is allowed; if a B average is made in the first two terms of teaching, another elective may be substituted for Teaching 222.

5. Two consecutive terms of social science are required.

6. Numbers identify the course in the description of courses.

Numbers in parentheses after Physical Education and Library 120 indicate the number of periods a week.

7. Fifty-two quarter hours are required each year.

In the two-year rural school or elementary grade curriculum the practice teaching requirement is met by one-half day of teaching for one quarter (8 quarter hours of credit) if a B average is made in practice teaching; otherwise an additional four quarter hours of credit in practice teaching is required.

FOUR-YEAR CURRICULA

(199 Quarter Hours)

1. For Preparation of Teachers for the Grades

FRESHMAN YEAR

English 120, 121, 122 or 124 or 126
Mathematics 120, 121, Hygiene 120
Social Science 137, 138, 139
Biological Science 126, 127, 128
Penmanship 120
Library 120 (1)
Physical Education (2) (Year)

SOPHOMORE YEAR

Music 120, Geography 120, Art 130
Industrial Arts 224, Education 228,
Art 124
Physical Science 100, 101, 102
Education 130, 131, 132
Physical Education (2) (Year)

* Or English 343 or 344 or 449.

NOTES: 1. Those preparing for the lower grades should take English 122.

2. Students in the four-year elementary or commerce curriculum must take Penmanship 120, making a total of 200 quarter hours for graduation.

JUNIOR YEAR

Education 343, 345, Industrial Arts 225
Social Science 233, 234, 235
Geography 221, 236, Music 228
Elective, Elective, Educ. 225

SENIOR YEAR

Teaching 441, 442, 443
English 234, 348*, Speech 345
Education 447, Elective, Education 344
Advanced Elective (Year)

2. For Preparation of Rural School Teachers

Lower Grades:

The same outline of courses for the lower grades as stated above with the following exceptions:

1. Substitute Teaching 220 R and 221 R for Teaching 220 and 221.
2. In the senior year substitute Teaching 441R for Teaching 441.
3. Education 449R may be elected in the senior year.
4. Students in this curriculum will do their practice teaching in the lower grades of an affiliated village school.

Upper Grades:

The same outline of courses as for the upper grades as stated above with changes as suggested above for the lower grades, except that students in this curriculum will do their practice teaching in the upper grades of an affiliated school.

High School:

Follow the regular Four-Year Curriculum for High School Teachers with the following suggested changes:

1. In the junior or senior year elect Education 449R.
2. In the senior year substitute Teaching 441R, 442R, and 443R for Teaching 441, 442, and 443. Students who take this course will do their practice teaching in an affiliated village high school.

3. For Preparation of High-School Teachers

The "core" of the four year high-school curriculum is the same in all departments with the exceptions mentioned in the footnotes.

In order to aid students who may wish to transfer from one major to a different one, these requirements are listed below:

FRESHMAN YEAR

English 120^a, 121, 125^a
 Laboratory Science (Year)
 Major Subject (Year)
 Hygiene 120
 Library 120
 Physical Education (Year)

SOPHOMORE YEAR

Education 230, 231, 232
 Social Science (2 quarters)⁴
 Major Subject (Year)
 Physical Education (Year)

JUNIOR YEAR

Education 343, 344^b, 345^c
 Minor Subject (Year)
 Major Subject (Year)
 Methods in Major Subject (1 quar.)
 English A

SENIOR YEAR

Teaching 441, 442, 443
 Speech 345^c
 Major Subject (Year)
 Minor Subject (Year)

This leaves a minimum of 10 electives.

Commerce

¹ Students majoring in Commerce substitute Commerce 141 for English 125.

English

² Students majoring in English are excused from English 120 and 125 and are required to take English 121 and 126.

An examination in English, covering the elements of good form and of organization, is required of all juniors, and will be given during the fall quarter, 1941. Students who do not pass this examination must take remedial work in English (English A) before they will be admitted to any teaching course.

Foreign Language

Two years of modern foreign language are required in the Latin curriculum.

Home Economics

³ Not required in the Home Economics or Music curriculum. Instead Education 458 is required in the Home Economics curriculum.

⁴ Not required in the Home Economics curriculum.

Industrial Arts

⁵ Education 458 may be substituted in the Industrial Arts curriculum.

Music

One year of General Language is required in this curriculum.

Speech

⁶ Speech 345 is required in the junior year in some curricula.

A. ART

The curriculum in art is designed to give the student basic knowledge and skills with practice work so that he may develop his ability to do creative work in the visual arts. The materials of the various art subjects have been organized so that the student is prepared to teach art both in the elementary grades and in high school, thus enabling him to handle all of the art, if necessary, in a school system. The emphasis is upon creative work in design, color, and drawing, and their many applications, with courses in history and appreciation as background.

FRESHMAN YEAR

English 120, 121, 125
 Hygiene 120, History 138, 139
 Laboratory Science (Year)
 Art 130, 131, 132
 Physical Education (2) (Year)
 Library 120 (1)

SOPHOMORE YEAR

Education 230, 231, 232
 Minor Subject or Elective (Year)
 Art 237, 238, 236
 Art 234, 226, 233
 Physical Education (2) (Year)

JUNIOR YEAR

Education 343, 345, Teaching 441
 Minor Subject (Year)
 Speech 345, Art 344, 340
 Art 345, 346, 350

SENIOR YEAR

Teaching 442, 443, Art 453
 Minor Subject or Elective (Year)
 Art 447, 448, 449
 Elective, Elective, Education 344

Requirements for a Minor in Art:

Elementary Grades Curriculum: Art 130, 131, 239 or 227, 226, 236 or 237 or 238 or 351, 345, 447. Art 345 should be taken instead of Art 124 by majors in Elementary Education. One quarter of teaching of art is recommended.

High School Curricula: Art 130, 132, 226, 234, 236 or 237 or 238 or 351, 340, 350 or 447. One quarter of teaching of art is recommended.

Home Economics Curriculum: Art 130, 131, 226, 234, 236 or 237 or 238 or 351, 340, 344. One quarter of teaching of art is recommended.

B. COMMERCE**(1) SECRETARIAL STUDIES****FRESHMAN YEAR**

English 120, 121, Commerce 141
Commerce 110, 111, 112
Commerce 123, 124, 125
Hygiene 120, Geography 120, Commerce 140
Physical Education (2) (Year)
Library 120 (1)

SOPHOMORE YEAR

Education 230, 231, 232
Commerce 210, 211, 212
Laboratory Science (Year)
Commerce 223, 224, 225
Physical Education (2) (Year)
Penmanship 120

JUNIOR YEAR

Education 343, 344, 345
Speech 345
Social Science 233, 234, 235
Commerce 340T, Commerce 340S
Minor Subject (Year)

SENIOR YEAR

Teaching 441, 442, 443
Social Science 354, 355, 356
Geography 447, Commerce 446, 447
Advanced Minor Subject (Year)

(2) ACCOUNTING**FRESHMAN YEAR**

English 120, 121, Commerce 141
Commerce 110, 111, 112
Laboratory Science (Year)
Hygiene 120, Geography 120, Commerce 140
Physical Education (2) (Year)
Library 120 (1)

SOPHOMORE YEAR

Education 230, 231, 232
Commerce 210, 211, 212
Social Science 233, 234, 235
Commerce 230, 231, 232
Physical Education (2) (Year)
Penmanship 120

JUNIOR YEAR

Education 343, 344, 345
Speech 345
Commerce 330, Commerce 448
Commerce 340B, Commerce 340T,
Commerce 340I
Minor Subject (Year)

SENIOR YEAR

Teaching 441, 442, 443
Social Science 354, 355, 356
Geography 447, Commerce 446, 447
Minor Subject (Year)

(3) ACCOUNTING AND SECRETARIAL STUDIES**FRESHMAN YEAR**

English 120, 121, Commerce 141
Commerce 110, 111, 112¹ or Commerce 210, 211, 212
Commerce 123, 124, 125¹ or Commerce 223, 224, 225
Hygiene 120, Geography 120, Commerce 140
Physical Education (2) (Year)
Library 120 (1)

SOPHOMORE YEAR

Education 230, 231, 232
Laboratory Science (Year)
Commerce 230¹, 231, 232
Social Science 233, 234, 235
Physical Education (2) (Year)
Penmanship 120

JUNIOR YEAR

Education 343, 344, 345
Speech 345
Commerce 330
Commerce 340B, Commerce 340T,
Commerce 340I
Commerce 340S
Minor Subject (Year)

SENIOR YEAR

Teaching 441, 442, 443
Social Science 354, 355, 356
Commerce 446, 447, Geography 447
Minor Subject (Year)

¹ Exempt by passing placement test.

Requirements for a Minor in Commerce:

It is suggested that the minor be taken in shorthand and type-writing, accounting and business law, or accounting and typewriting.

No credit is given for less than a year's work in each of the following courses for a minor in commerce; accounting, typewriting, and shorthand.

Placement Test:

Students who have had one or two years of training in high school or its equivalent should take a placement test in typewriting, shorthand, and bookkeeping.

Students who typewrite for ten minutes at the minimum rate of 40 net words per minute with five errors or less will be allowed to take advanced typewriting.

Students who can write shorthand at the minimum rate of 60 words per minute for five minutes with 98 per cent accuracy will be allowed to take advanced shorthand.

Students who pass the bookkeeping test on single proprietorship will be permitted to take the second quarter of accounting. This test includes a theory test and the demonstration of the student's ability to complete the work at the end of a fiscal period from a trial balance and the adjusting data.

Students majoring in secretarial studies who pass a placement test and are thereby exempt from the first year of typewriting or shorthand will be required to complete one year of accounting.

Students majoring in accounting who pass a placement test and are thereby exempt from the first year of typewriting will be required to complete one year of shorthand.

C. ENGLISH

Students wishing to accumulate additional minors or a second teaching major may omit certain of the English courses listed below by arrangement with the head of the department. Care must always be taken to include enough senior college courses and to plan a balanced program of English study.

FRESHMAN YEAR

English 121, 126, Hygiene 120
Laboratory Science (Year)
Elective (Year)
Minor Subject (Year)
Physical Education (2) (Year)
Library 120 (1)

SOPHOMORE YEAR

English 235, 231, 237 (or 3 Electives)
Education 230, 231, 232
Elective (Year)
English 230, 236, 234
Physical Education (2) (Year)

JUNIOR YEAR

Education 343, 344, 345
Speech 345, Elective, English 340
English 343, 344, Art 351
English 346, 347, 348

SENIOR YEAR

Teaching 441, 442, 443
Minor Subject (Year)
Social Science 343, 344, 345
English 449, 450, 451

NOTES: 1. Any student entering the Teachers College with a deficiency in the basic skills in English—reading, writing, spelling, elements of grammar and good usage—may be required to take work in remedial English in addition to the required freshman composition courses.

2. Any student teacher found deficient in English may be remanded to English 120 or to remedial work in speech, or grammar or oral and written usage, as the case may require.

3. English majors are expected to be able to omit English 120. Those unable to carry English 121 will be remanded to English 120.

4. Eighteen English courses are required for graduation in the English curriculum. English majors who omit English 120 will take English 235 in the sophomore year.

5. English majors who are able to pass English 126 by examination will take either English 231 or English 237 in the sophomore year.

6. Students with from two to four years of high-school Latin may arrange for a Latin minor or for a joint major in English and Latin, by consulting the heads of these departments.

Recommended for a Minor in English:

English 230, 231, 234, 235, 236 (or 343), 237 (or 239) may be used as the minor subject. English 346, 347, 348 may be used by juniors or seniors for credit toward a minor in English.

D. FOREIGN LANGUAGE (Latin)

FRESHMAN YEAR

Latin 123, 124, 125*
English 120, 121, 125
Laboratory Science or Elective
(Year)
Social Science 137, 138, Hygiene 120
Physical Education (2) (Year)
Library 120 (1)

SOPHOMORE YEAR

Latin 230, 231, 232
Education 230, 231, 232
Modern Foreign Language (Year)
Elective or Laboratory Science
(Year)
Physical Education (2) (Year)

JUNIOR YEAR

Latin 343, 344, 345
Speech 345, Elective, Latin 340
Education 343, 344, 345
Modern Foreign Language (Year)

SENIOR YEAR

Teaching 441, 442, 443
Latin 446, 447, 448
Advanced Elective (Year)
Elective (Year)

Requirements for a Minor in Latin:

Latin 123, 124, 125, 230, 231, 232.

* If student has had four years of high-school Latin, he should take Latin 230, 231, 232 and one year of advanced college Latin.

E. GEOGRAPHY

FRESHMAN YEAR

English 120, 121, 125
Laboratory Science (Year)
Elective (Year)
Geography 120, Hygiene 120, Geog-
raphy 130
Physical Education (2) (Year)
Library 120 (1)

SOPHOMORE YEAR

Education 230, 231, 232
Social Science (2 quarters), Geog-
raphy 221
Minor Subject (Year)
Geography 233 (43), 231, 236
Physical Education (2) (Year)

JUNIOR YEAR

Education 343, 344, 345
Speech 345, Elective, Geography 340
Minor Subject (Year)
Geography 343 (32), 345, 344 (or
447 or 448)

SENIOR YEAR

Teaching 441, 442, 443
Elective (Year)
Advanced Elective (Year)
Social Science 354, 355, Elective

Requirements for a Minor in Geography:

For the elementary grades or department teachers, Geography 120, 130, 221, 233, 236, and 340; for high school teachers, Geography 120, 130, 221, 233, 236, and 447.

F. HOME ECONOMICS**FRESHMAN YEAR**

Art 130, 131, Hygiene 120
 Home Economics 101, 102, Botany 120
 English 120, 121, 125
 Chemistry 130, 131, 132
 Physical Education (2) (Year)
 Library 120 (1)

SOPHOMORE YEAR

Chemistry 210, 211, 212
 Education 230, 231, 232
 Home Economics 202, 203 (343), 247
 Home Economics 201, 232, Botany 235
 Physical Education (2) (Year)

JUNIOR YEAR

Education 345, Home Economics 301, Art 344
 Social Science 330, Physics 322, Home Economics 350
 Home Economics 346, 345, 340
 Home Economics 344, Elective, Elective

SENIOR YEAR

Speech 345, Education 458, 343
 Teaching 441, 442, 443
 Social Science 453, Home Economics 304, 446
 Elective (Year)

Requirements for a Minor in General Home Economics:

Home Economics 101, 102, 201, 202, 203 (343), 232, 247.

G. INDUSTRIAL ARTS**FRESHMAN YEAR**

English 120, 121, 125
 Industrial Arts 134, 136 (135), 150 (57)
 Laboratory Science or Elective (Year)
 Hygiene 120, Music 229, Industrial Arts 135
 Physical Education (2) (Year)
 Library 120 (1)

SOPHOMORE YEAR

Education 230, 231, 232
 Elective or Laboratory Science (Year)
 Industrial Arts 231 (131), 232 (452), 226
 Industrial Arts 259 (359), 260 (460), Elective (4 hrs.)
 Physical Education (2) (Year)

JUNIOR YEAR

Industrial Arts 336 (236, 237), Social Science 330, Industrial Arts 340
 Industrial Arts 345 (2 hrs.), 365 (2 hrs.), 350, 355
 Education 343, 344, Industrial Arts 363 (463)
 Social Science 233, 234, Speech 345

SENIOR YEAR

Elective (Year)
 Industrial Arts 444 (2 hrs.), 448 (348), 449 (354)
 Education 345 or 458
 Teaching 441, 442, 443
 Elective (10 hrs.)

- NOTES: 1. An academic minor is required.
 2. For good cause exemptions or substitutions will be allowed in Printing or Machine Shop.
 3. One of the three quarters in student teaching is required in the minor subject.
 4. Sufficient electives are allowed to make possible a second minor.

Requirements for a Minor in Industrial Arts:

Industrial Arts 134, 135, 136, 150, 231, and 340.

H. MATHEMATICS**FRESHMAN YEAR**

English 120, 121, 125
 Elective (Year)
 Mathematics 120, 132, 133
 Mathematics 130, 131, 134
 Physical Education (2) (Year)
 Library 120 (1)

SOPHOMORE YEAR

Education 230, 231, 232
 Social Science (2 quarters), Hygiene 120
 Laboratory Science (Year)
 Mathematics 235, 236, 228
 Physical Education (2) (Year)

JUNIOR YEAR

Education 343, 344, 345
 Speech 345, Elective, Mathematics 340
 Minor Subject (Year)
 Mathematics 343 (36), 344 (35), 345

SENIOR YEAR

Teaching 441, 442, 443
 Advanced Elective (Year)
 Minor Subject (Year)
 Advanced Elective (Year)

Requirements for a Minor in Mathematics:

Mathematics 130, 131, 134; Mathematics 228, 235, 236, and 132 if Solid Geometry was not taken in high school.

I. MUSIC

FRESHMAN YEAR

Music 123, 124, 125 (20, 21, 22) (6 q. h.)
 Applied Music (6 q. h.)
 English 120, 121, Hygiene 120
 General Language 130, 131, 132
 Physical Science or Biological Science (Year)
 Physical Education (2) (Year)
 Library 120 (1)

SOPHOMORE YEAR

Music 230, 231, 232
 Music 236, 237, 238 (6 q. h.)
 Applied Music (6 q. h.)
 Education 230, 231, 232
 Social Science (8 q. h.), Elective (1 quar.) or
 Minor Subject (Year)
 Physical Education (2) (Year)

JUNIOR YEAR

Music 351 (26), 352 (27), 353
 Music 336, 337, 338 (43) (6 q. h.)
 Applied Music (6 q. h.)
 Music 228, 340, 347 (2 q. h.), 339 (2 q. h.)
 Education 343, Speech 345, Education 345

SENIOR YEAR

Music 449 (338), 450 (45), 451 (6 q. h.)
 Applied Music (6 q. h.)
 Teaching 441, 442, 443
 Minor Subject (Year) or Social Science (8 q. h.), Adv. Elective (1 quar.)
 Elective (Year)

- NOTES: 1. Electives must include one quarter's work in literature.
 2. Two quarters of history or social science are required in the sophomore year or the senior year.
 3. Applied music (24 q. h.) including two years of Piano and two years of Voice is required of all music majors.
 Minimum proficiency requirements to be satisfied through examination given by the music faculty committee include:
 (a) Major applied field: Creditable public appearance in the student's major performance field.
 (b) Piano: Ability to play music of hymn-tune difficulty at sight, with good tone and correct rhythm, and ability to improvise a musically acceptable accompaniment for a simple melody.
 (c) Voice: Ability to sing pleasingly and without faulty vocal habits, and ability to read at sight any part of a four-part song of hymn-tune or simple folk-song difficulty.
 4. A student may be excused from any Instrumental Technique course if he demonstrates to the music faculty committee the ability to play, with good tone and reasonable facility, the instruments involved.
 5. Participation in the college music organizations each year of residence is required.

Requirements for a Minor in Music:

Elementary School Music: Music 123, 124, 125, 230, 231, 228, 449, (338) Piano (3 quarters) and Voice (3 quarters), a total of 26 quar. hrs. Ability to teach music satisfactorily in the grades, as demonstrated through supervised teaching in the Elementary Training Schools. Participation in at least one of the following college music organizations each year of residence: Choir, Chorus, Glee Club, Orchestra, Band.

High School Vocal Music: Music 123, 124, 125, 230, 231, 449 (338) 340, Piano (3 quarters) and Voice (6 quarters), a total of 29 quar. hrs. Ability to develop choral organizations effectively, as demonstrated through supervised teaching in the Training High Schools. Participation in college choral organizations each year of residence.

Instrumental Music: Music 123, 124, 125, 230, 231; Music 236, 237, 238, 336, 337, 338, 339 (three to five quarters); Music 449 (44), 450 (45), 347, a total of 32 to 36 quar. hrs. Ability to teach beginning pupils on band and orchestral instruments, and ability to develop instrumental organizations effectively, both as demonstrated through

supervised teaching in the Training Schools. Participation in the Band and Orchestra each year of residence.

J. PHYSICAL EDUCATION (For Men)

FRESHMAN YEAR

English 120, 121, 125
Physical Education 120, 121, 122
Minor Subject (Year)
Biological Science (Year)
Physical Education (2) (Year)
Library 120 (1)

SOPHOMORE YEAR

Anatomy 225, Physical Education
226 (34, II), 227 (34, III)
Education 230, 231, 232
Social Science 233, 234, Hygiene 120
Minor Subject (Year)
Physical Education (2) (Year)

JUNIOR YEAR

Speech 345, Physical Education 350
(39), 340
Physical Education 347 (36), 348
(38), 349 (37)
Physical Education 344 (31), Physi-
ology 345, Elective
Education 343, 344, 345

SENIOR YEAR

Teaching 441, 442, 443
Physical Education 451, 452 (44),
453, or Elective (Year)
Second Minor Subject (Year)
Second Minor Subject (Year)

K. SCIENCE (Biological)

NOTE: The botany and zoology curricula are so arranged that the student may not only have four years of work in botany or zoology (including one year of methods and practice teaching), but that he may also have three minor subjects of six quarters each, which qualify him to teach six different subjects in accredited high schools. The student is also equipped to do graduate work.

(1) BOTANY

FRESHMAN YEAR

English 120, 121, 125
Elective (Year)
Chemistry 130, 131, 132
Botany 120, 121, 122
Physical Education (2) (Year)
Library 120 (1)

SOPHOMORE YEAR

Education 230, 231, 232
Social Science (2 quarters), Hygiene
120
Zoology 120, 121, 122
Botany 230, 231, 232
Physical Education (2) (Year)

JUNIOR YEAR

Speech 345, Education 345, Geog-
raphy 236
Education 343, 344, Botany 340
Botany 344, 343, 446
Zoology 230, 231, 232 (or Zoology
343, 344, 345)

SENIOR YEAR

Teaching 441, 442, 443
Elective (Year)
Advanced Elective (Year)
Zoology 343, 344, 345 (or elective)

NOTE: Botany 345 may be substituted for Botany 446 with permission of the instructor.

(2) ZOOLOGY

FRESHMAN YEAR

English 120, 121, 125
Elective (Year)
Chemistry 130, 131, 132
Zoology 120, 121, 122
Physical Education (2) (Year)
Library 120 (1)

SOPHOMORE YEAR

Education 230, 231, 232
Social Science (2 quarters), Hygiene
120
Botany 120, 121, 122
Zoology 230, 231, 232
Physical Education (2) (Year)

JUNIOR YEAR

Speech 345, Education 345, Zoology
340
Education 343, 344, Geography 236
Botany 230, 231, 232
Zoology 343, 344, 345

SENIOR YEAR

Teaching 441, 442, 443
Advanced Elective (Year)
Botany 343, 344, 345 (or Adv. Elec.)
Elective (Year)

Requirements for a Minor in Botany or Zoology:

One year of the beginning course and three other courses to be determined by the head of the department.

L. SCIENCE (Physical)

(1) CHEMISTRY

FRESHMAN YEAR

Chemistry 130, 131, 132
English 120, 121, 125
Mathematics 130, 131, 134
Physics 130, 131, 132
Physical Education (2) (Year)
Library 120 (1)

SOPHOMORE YEAR

Chemistry 233, 234, 235
Education 230, 231, 232
Hygiene 120, Social Science (2 quarters)
Elective (Year) (Preferably Mathematics 235, 236, 228)
Physical Education (2) (Year)

JUNIOR YEAR

Chemistry 343, 344, 345
Speech 345, Advanced Elective,
Chemistry 340
Elective (Year)
Education 345, 344, 343

SENIOR YEAR

Teaching 441, 442, 443
Chemistry 450 (any quarter)
Elective (2 quarters)
Elective (Year)
Advanced Elective (Year)

*Students who have had a year of high-school chemistry should take Chemistry 150, 151, 152 instead of Chemistry 130, 131, 132 if they pass the placement test.

Requirements for a Minor in Chemistry:

Chemistry 130, 131, 132 and 233, 234, 235 (or Chemistry 343, 344, 345 for Biological Science Majors).

NOTE: It is recommended that chemistry majors complete a minor in physics and also in mathematics by adding Mathematics 235, 236, 228.

Possible Minors: Mathematics, Physics, Biological Science (1 year Botany and 1 year Zoology), Foreign Language (German or French).

(2) PHYSICS

FRESHMAN YEAR

English 120, 121, 125
Physics 130, 131, 132
Mathematics 130, 131, 134
Elective (Year) (Preferably Chemistry 130, 131, 132)
Physical Education (2) (Year)
Library 120 (1)

SOPHOMORE YEAR

Education 230, 231, 232
Physics 236, 235, 237
Mathematics 235, 236, 228
Elective (Year) (Preferably Biological Science)
Physical Education (2) (Year)

JUNIOR YEAR

Physics 348, 349, 350 or 451, 452, 453 (Year)
Hygiene 120, Education 344, Physics 340
Social Science (2 quarters), Education 343
Elective (Year)

SENIOR YEAR

Education 345, Speech 345, Elective (1 quarter)
Teaching 441, 442, 443
Advanced Elective (Year) (Preferably Physics 451, 452, 453 or 348, 349, 350)
Advanced Elective (Year)

Requirements for a Minor in Physics:

Physics 130, 131, 132, and three additional physics courses are required. Physics 235 and 236 are desirable for teaching minors.

Possible Minors: Mathematics (24 quarter hrs.), Chemistry (24 quarter hrs.), Biological Science (1 year Botany and 1 year Zoology), Foreign Language (24 quarter hrs., preferably German).

M. SOCIAL SCIENCE

FRESHMAN YEAR

English 120, 121, 125
Laboratory Science (Year)
Social Science 137, 138, 139
Elective, Elective, Hygiene 120
Physical Education (2) (Year)
Library 120 (1)

SOPHOMORE YEAR

Education 230, 231, 232
Social Science 233, 234, 235
Elective (Year)
Elective (Year)
Physical Education (2) (Year)

JUNIOR YEAR

Education 345, 343, Social Science 340
Social Science 346, 347, 348
Social Science 363, 364, 365
Elective (Year)

SENIOR YEAR

Speech 345, Education 344, Elective
Teaching 441, 442, 443
Elective (Year)
Social Science 354, 355, 356 or 453, 454, 455

Requirements for a Minor in Social Science:

Social Science 233, 234, 235 and Social Science 346, 347, 348 or one year of Government or Economics.

N. SPEECH**FRESHMAN YEAR**

Speech 130, 131, 132
English 120, 121, 125
Minor Subject (Year)
Elective (2 quarters), Hygiene 120
Physical Education (2) (Year)
Library 120 (1)

SOPHOMORE YEAR

Speech 233, 234, 235
Education 230, 231, 232
Laboratory Science (Year)
Minor Subject (Year)
Physical Education (2) (Year)

Requirements for a Minor in Speech:

Speech 130, 132, 233, 331 (31), 345, 444.

JUNIOR YEAR

Speech 345, 331 (31), 346 (45)
Education 343, 344, 345
Social Science (Year)
Minor Subject (Year)

SENIOR YEAR

Teaching 441, 442, 443
Speech 444, 445, 435
Minor Subject (Year)
Advanced Elective (Year)

TRAINING SCHOOLS**Campus Training Schools.**

Purpose.—The purpose of the Teachers College in maintaining Campus Training Schools is twofold: to provide a laboratory school in which students and members of the faculty may test the methods of instruction and the educational theories taught in the college; and to furnish a school wherein students may develop craftsmanship in teaching by observing expert teaching and by actual teaching under supervision.

Organization and Admission.—The Campus Training Schools consist of the Elementary School of eight grades, and the High School of four grades. The number of students who can be admitted is limited. Pupils desiring admission are registered, and admitted in order of registration when vacancies occur.

Pupils once admitted to the school for the regular school year retain their places until completing the course, unless they are unreasonably irregular in attendance or fail to appear on the opening day of the school year without notice to the training school office of their intention to appear later.

Elementary Department.—In the first eight grades the immediate direction of the work of each grade and the responsibility for its progress is with the training teacher of the grade. The training teachers, with the Director of Teacher Training, plan the work of their grades, discuss with the student teachers their plans for teaching and do enough of the teaching to keep the progress of the pupils at a high standard. Training teachers for art, music, penmanship, and physical education have charge of these subjects in all grades. The teachers in other departments of the Teachers College have in all cases an advisory relation to the training school.

The fees amount to \$1.25 for each 12 weeks' quarter.

High School Department.—The Teachers College High School is recognized by the State Department of Education and is accredited by the University of Illinois and by the North Central Association

of Colleges and Secondary Schools. Those who have completed the eight grades may enter the ninth grade which is the first year of a four-year high school. Full credit is allowed students entering from other accredited high schools. Sixteen units are required for graduation.

The fees for each 12 weeks' quarter amount to \$5. Holders of valid Lindly scholarships pay only \$4.

Affiliated Rural Training Schools.

Purpose.—In order that supervised student teaching may be carried on under circumstances more typical of rural school conditions the Teachers College has affiliated with three one-room rural school districts, one village school, consisting of an eight-grade elementary department and a four-year high school, and a four-year community high school.

Administrative and Supervisory Relationships.—Supervised student teaching in the affiliated schools is under the direct supervision of the Director of Off-Campus Student Teaching. Teachers selected for the affiliated schools must be approved by both the district and the college. A part of each rural school training teacher's salary is paid by the college.

Observation, Participation, and Supervised Student Teaching.

Observation.—The facilities of all training schools are available at all times to all college classes for directed observation. Persons wishing to do undirected observation must consult the Director of Teacher Training. Freshmen in the two-year curriculum are required to do directed observation in connection with several of their courses. The work is designed to prepare them to meet the problems of teaching which they must meet in their course in supervised student teaching, and to enable them to see the application of their courses in educational psychology, reading, arithmetic, handwriting, and science. In the main the observation of a lesson is preceded by a discussion of the aims, materials, and methods to be employed in the lesson and is followed by a discussion in which the teacher of the lesson as well as the director of the observation participates.

Participation.—The gradual introduction of the student to the problem of teaching logically takes the form of the sequence: observation—participation—teaching. In practice gradual participation in teaching as an independent course is considered a wasteful procedure. It is usually combined with either an observation course or a teaching course. In this college gradual participation is a part of, and a guiding principle in, the student teaching courses.

Supervised Student Teaching.—All students graduating from the two-year curriculum are required to take 100 clock hours of supervised student teaching. If the student does not receive an average grade of B in this teaching an additional 50 clock hours of teaching is required. All students graduating from four-year curricula are required to take 150 clock hours of supervised student teaching.

Student teachers are assigned to training teachers by the Director of Teacher Training. For special regulations governing admission to practice teaching see III under "Scholarship."

DESCRIPTION OF COURSES

ART

Note: All art courses meet four one hundred-minute periods a week, except Art 236, 237, 238, 340, 345, 351, and 453, which meet four fifty-minute periods a week. Art 441, 442, and 443 meet five periods a week.

124. Art for the Classroom Teacher.

An introductory course for students preparing to teach art in the elementary grades and rural schools. The principles of art, the divisions of the elementary school with educational and art set-up for each division, and the planning and creating of art problems which prove that art is a part of life and not apart from life are developed by lecture and laboratory work.

Required in the two- and four-year elementary curricula. Elective in other curricula. (4 hours.) Every quarter.

130. Introduction to Art.

An elementary course which introduces the student to three fundamental divisions of art—design, color, and drawing.

Required in the art, home economics, and four-year elementary curricula. Elective in other curricula. (4 hours.) Fall quarter.

131. Design I.

The application of decorative design and color to weaving, block printing, lettering, and posters.

Required in the art and home economics curricula. Prerequisite: Art 130. Elective in other curricula. (4 hours.) Winter quarter.

132. Drawing I.

Opportunity for original work in free-hand drawing through the application of the principles of perspective, color, and design. Outdoor sketching.

Required in the art curriculum. Prerequisite: Art 130. Elective in other curricula. (4 hours.) Spring quarter.

226. Life Drawing I.

Drawing from costumed model for freedom in pose, action, and composition. Study of artistic anatomy.

Required in the art curriculum. Prerequisite: Art 132. Elective in other curricula. (4 hours.) Winter quarter.

227. Lettering.

The development of ability to letter, the study of styles of lettering, and application of hand lettering to various problems. Pen and brush work.

Elective. (4 hours.) Spring quarter.

233. Drawing II.

Free-hand drawing of still life, flowers, landscape, in pen and ink, and pastel.

Required in the art curriculum. Prerequisite: Art 132. Elective in other curricula. (4 hours.) Spring quarter.

234. Design II.

Application of design and color principles to leather, metal, textile decorations, and other materials of school art industries.

Required in the art curriculum. Prerequisite: Art 131. (4 hours.) Fall quarter.

235. Costume Design.

The designing of costumes for various types, emphasizing the student's individual needs. Style and color in relation to personality. History of costume.

Elective. Recommended in the art and home economics curricula. (4 hours.) By permission of instructor.

236 (138). History and Appreciation I.

A study is made of man's creative efforts in the visual arts, from the prehistoric period to the Christian era. The development of art growing out of man's needs and his desire for beauty, and its relation to the natural and social environment. The architecture, sculpture, painting, weaving, pottery, and metal work of Egypt, Mesopotamia, Greece, and the Roman Empire.

Required in the art curriculum. Recommended in the foreign language and social science curricula. Elective in other curricula. (4 hours.) Fall quarter.

237 (236). History and Appreciation II.

The art of the Christian era covering the development of the medieval period and the Renaissance through the seventeenth century. The architecture of the Romanesque and Gothic periods and the painting of the Renaissance with a brief survey of the art of the Far East are important topics.

Required in the art curriculum. Recommended in the social science curriculum. Elective in other curricula. (4 hours.) Winter quarter.

238 (237). History and Appreciation III.

The development of the visual arts since the beginning of the eighteenth century with emphasis upon art in America. The relation of art to contemporary living.

Required in the art curriculum. Recommended in the social science curriculum. Elective in other curricula. (4 hours.) Spring quarter.

239. Modeling and Pottery.

The application of art principles to clay as a medium. The modeling of animals and figures, casting, and various processes of pottery making and finishing. Emphasis on structural and decorative design.

Elective. Recommended in the art and four-year elementary curricula. (4 hours.) Omitted 1941-42.

340. Methods in High School Art.

Extensive reference work, research, and organization are done, upon which the student builds his own conception of an art program suitable to an average high-school situation. Methods of presentation, adaptation to age levels, selection of problems, and standard achievement are studied.

Required in the art curriculum. (4 hours.) Spring quarter.

344 (144 and 444). Home Planning and Furnishing.

The study of interior decoration in relation to the home. The selection of the house in terms of family needs; its furnishings in harmony with the personality, income, and individual interests of the family group, developed according to basic art principles. History of period styles.

Required in the art and home economics curricula. Prerequisite: Art 130 and 131. Elective in other curricula. (4 hours.) Winter quarter.

345. Methods in Elementary School Art.

Practice in art processes adapted to different grade levels. Lesson, unit, and curriculum planning. Survey of art needs.

Required in the art curriculum. (4 hours.) Fall quarter.

346. Life Drawing II.

Advanced work with costume model with emphasis on composition. Various media are used.

Required in the art curriculum. (4 hours.) Winter quarter.

350. Painting.

Water color, tempora, and oils are used.

Required in the art curriculum. Elective in other curricula. (4 hours.) Spring quarter.

351. Art Backgrounds.

A survey of our art heritage, its development from the life of the different periods in history, with sufficient criticism to form a basis for the evaluation of contemporary art for individual use and appreciation.

Required in the English curriculum. Elective in other curricula. (4 hours.) Spring quarter.

352. Landscape Painting I.

Opportunity is given for oil painting during the afternoon of each day under the direction of Paul Turner Sargent. Credit for four quarter hours may be earned, or course taken without credit. Cost of equipment about \$7.50.

Elective. (4 hours.) Summer term.

354. Landscape Painting II.

Advanced work in landscape painting in oils with some opportunity for work on murals. May be taken without credit.

Elective. (4 hours.) Summer term.

441, 442, 443. Supervised Student Teaching in Art.

A minimum of one quarter in the grades and one quarter in high school is required of art majors. One quarter each in the lower and upper grades and one in high school is recommended. Art 345 is prerequisite for teaching in the grades; Art 340 for high school. The first quarter of student teaching should be in the grades.

(4 hours for each course.) Every quarter.

447. Composition I.

The development of original work in decorative and pictorial design based on previous training in design, free-hand drawing, color, figure construction, and experience with various media.

Required in the art curriculum. (4 hours.) Fall quarter.

448. Composition II.

Advanced work in decorative and pictorial design. Individual projects and choice of media.

Required in the art curriculum. (4 hours.) Winter quarter.

449. Commercial Design.

Advanced work in advertising art, including lettering, posters, commercial wrappings, art planning of school annuals, and current advertising problems.

Required in the art curriculum. (4 hours.) Spring quarter.

453. Psychology of Art.

The psychology of art as developed by research. Analysis of art ability in terms of aptitudes, skills, and creative capacities. Standard and teacher-constructed tests.

Required in the art curriculum. Elective in other curricula. (4 hours.) Winter quarter.

456. Stage Design.

Design and construction of scenery, costumes, make-up, lighting, puppetry, and masques.

Elective. Recommended in the art and speech curricula. (4 hours.) Spring quarter.

458. Art Seminar.

The integration of art experiences in practice work, history of art, and art education as a final preparation for teaching. Investigation of problems in art education; projects in original work selected according to individual interests.

Elective. (4 hours.) By permission of instructor.

COMMERCE

I. Typewriting

110. Typewriting.

Elementary instruction in typewriting. The work includes development of correct writing habits, drills in rhythm, simple tabulation, and letter writing. Speed requirement: minimum of twenty net words per minute for five minutes with three errors or less.

(4 hours.) Fall and summer quarters.

111. Typewriting, Continued.

This course includes the typewriting of different types of business letters, special attention being given to the form, arrangement, and style. Also includes the typewriting of telegrams, cablegrams, radiograms, manuscripts, reports, rough drafts, displayed matter, tabulations, billing, and common forms of legal documents. Speed requirement: minimum of thirty net words per minute for ten minutes with five errors or less.

Prerequisite: Commerce 110 or the equivalent. (4 hours.) Winter and summer quarters.

112. Typewriting, Continued.

In this course, skill development is continued at a higher level. More advanced work is given in business letters, telegraphic communications, tables and other statistical matter, billing and business instruments, legal and business documents, and related typing projects. Speed requirement: minimum of forty net words per minute for ten minutes with five errors or less.

Prerequisite: Commerce 110, 111 or the equivalent. (4 hours.) Spring and summer quarters.

210. Advanced Typewriting.

A course in the development of superior skill in typewriting. Additional and remedial training in speed and accuracy, and a study of advanced typing projects are included. Speed requirement: minimum of fifty net words per minute for fifteen minutes with eight errors or less.

Prerequisite: Commerce 110, 111, 112 or the equivalent. (4 hours.) Fall and winter quarters.

211. Advanced Typewriting, Continued.

This course is designed for those who wish to become skilled in typewriting. Remedial instruction for individual typewriting difficulties is given. Speed and accuracy are the objectives. Speed requirement: minimum of sixty net words per minute for fifteen minutes with eight errors or less.

Prerequisite: Commerce 210 or the equivalent. (4 hours.) Winter and spring quarters.

212. Principles and Problems of Office Practice.

A practical course in the subject matter of office practice, including filing, duplicating devices, dictating machines, and adding and calculating machines.

Prerequisite: Commerce 210 and 211, or permission of the instructor. Class limited to twenty-four. (4 hours.) Every quarter.

II. Shorthand

123. Shorthand.

A beginning course in the study of Gregg shorthand. Effort is concentrated on a thorough study of principles, brief forms, and phrasing. Elementary dictation and transcription powers are de-

veloped concurrently with the training in theory. No credit for less than one year's work.

(4 hours.) *Fall quarter.*

124. Shorthand, Continued.

A study of the principles of the shorthand system is completed. The ability to take dictation and transcribe both business letters and articles is further developed. No credit for less than one year's work.

Prerequisite: Commerce 123 or its equivalent. (4 hours.) Winter quarter.

125. Shorthand, Continued.

Speed combined with accuracy is the aim of this course. Shorthand theory is reviewed and shorthand vocabularies are further developed. Speed requirement: minimum of sixty words per minute for five minutes to be transcribed with 98 per cent accuracy. No credit for less than one year's work.

Prerequisite: Commerce 123, 124 or the equivalent. (4 hours.) Spring quarter.

223. Advanced Shorthand.

This course is devoted to the development of rapid dictation and transcription of business letters. The material is selected from a wide field with a view to developing the student's control of a comprehensive vocabulary and of testing the ability to take dictation on various subjects. Speed requirement: minimum of eighty words per minute for five minutes to be transcribed with 98 per cent accuracy.

Prerequisite: Commerce 123, 124, 125 or the equivalent. (4 hours.) Fall quarter.

224. Advanced Shorthand, Continued.

Expertness in taking dictation and transcribing shorthand rapidly and accurately is the aim of this course. Speed requirement: minimum of 100 words per minute for five minutes to be transcribed with 98 per cent accuracy.

Prerequisite: Commerce 223 or the equivalent. (4 hours.) Winter quarter.

225. Secretarial Practice.

This course aims to promote finished performance in typewriting and shorthand. A study is also made of the duties of the secretary in business and the professions; relations of the private secretary to the employer; and opportunities for men and women in the secretarial field. Speed requirement: minimum of 120 words per minute for five minutes to be transcribed at a rate of not less than twenty-five words per minute with 98 per cent accuracy.

Prerequisite: Commerce 223 and 224. (4 hours.) Spring quarter.

III. Accounting

230. Accounting.

This course does not presume any previous training in bookkeeping. The balance sheet and profit and loss statements are studied first, leading up to the introduction of accounts. The course aims to

give a thorough drill in the principles of accounting as applied to single proprietorship.

(4 hours.) Fall and summer quarters.

231. Accounting, Continued.

This course is a continuation of the work given during the first term of accounting with particular emphasis on the interpretation of accounts as applied to partnerships. A partnership set is used, illustrating the use of various books of original entry, controlling accounts, and adjusting and closing books.

Prerequisite: Commerce 230 or the equivalent. (4 hours.) Winter and summer quarters.

232. Accounting, Continued.

Changing partnership books to corporation books is the work chiefly involved in this course. Emphasis is placed upon the technique of preparing financial and profit and loss statements.

Prerequisite: Commerce 230, 231. (4 hours.) Spring and summer quarters.

330. Cost Accounting.

Cost accounting is studied in this course, involving principles and methods in handling materials, direct labor, and distribution of overhead expenses as they relate to manufacturing concerns. Departmental accounting, consolidated statements, analysis of financial statements, and auditing are presented.

Prerequisite: Commerce 230, 231, 232. (4 hours.) Fall quarter.

331. Accounting Tax Procedure.

Social security and income tax procedure are presented in their latest development. The various income tax blanks and forms are presented and Forms 1040-A and 1040 are thoroughly worked out individually by each student. Up-to-date social security problems are studied from the point of view of both the employer and the employee.

Prerequisite: Commerce 230, 231, 232. Not open to freshmen. (4 hours.) Winter quarter.

IV. Methods

340T. Methods of Teaching Typewriting and Office Practice.

Methods of teaching both beginning and advanced typewriting courses are included. Demonstrations are given in the teaching of typewriting techniques. Proficiency in the subject matter must be demonstrated before credit in this course will be granted.

(4 hours.) Fall quarter.

340S. Methods of Teaching Gregg Shorthand.

This course is designed for teachers and prospective teachers who desire to make a practical study of classroom problems involved in the different methods of teaching the manual. Special attention is given to the teaching of advanced dictation and transcription. Demonstrations are given in the different methods of teaching shorthand. Proficiency in Gregg shorthand theory and in taking dictation must be demonstrated before credit in this course will be granted.

(4 hours.) Winter and summer quarters.

340B. Methods of Teaching Bookkeeping and Business Arithmetic.

In this course a critical study is made of the teaching of elementary bookkeeping by modern methods. In addition to lectures and discussions, there is sufficient laboratory work to insure mastery of the subject in its relation to the problems of the teacher.

(4 hours.) Spring quarter.

340 I. Methods and Materials for Teaching Introduction to Business.

This course provides a study and review of the subject matter of introduction to business, junior business training, elementary business training, practical economics, or general business, as the subject is variously called. It also deals with consumer education for business as presented in secondary schools.

(4 hours.) Spring and summer quarters.

441, 442, 443. Supervised Student Teaching in Commerce.

(4 hours for each course.) Every quarter.

V. General Business Courses

140. Business Mathematics.

This course is a preparation for the courses in accounting. It covers the simpler exercises and problems of everyday business calculations—including such topics as the use of aliquot parts; practical short methods of calculations; fractions; percentage; trade and cash discount; profit and loss; marked price; commission and brokerage; banker's, accurate, and compound interest; bank discount; installment buying; taxes; fire insurance; stocks and bonds; and depreciation.

(4 hours.) Winter and spring quarters.

141. Business Correspondence.

The aim of this course is to train students in the use of correct and forceful English for business purposes. Attention is given to the various types of business correspondence, such as: application letters, sales letters, credit letters, collection letters, adjustment letters, form letters, and business reports. Ample practice is given in writing these letters.

Prerequisite: English 120 and 121. (4 hours.) Spring quarter.

444. Foundations in Business Education.

In this course a study is made of the evolution of the commercial curriculum, reorganization of the commercial curriculum in terms of large and small high schools, and placement of subjects; philosophies of business education; and objectives are appraised in terms of business occupational requirements and trends.

Elective. Not open to freshmen or sophomores. (4 hours.) Spring quarter.

445. Problems in Business Education.

This course evaluates testing materials available in business education; the problems of supervision and administration of business education; job analyses; placement and follow-up of graduates; and vocational information and guidance.

Elective. Not open to freshmen or sophomores. (4 hours.) Spring quarter.

446. Business Law.

This course deals with the rules governing law and its administration; property, torts; contracts; agency, employer, and employee; negotiable instruments; and suretyship. The aim of the course is to give the student a thorough and correct understanding of the fundamental principles of business law.

(4 hours.) Fall quarter.

447. Business Law, Continued.

This course is a continuation of Commerce 446 and considers insurance; bailments; carriers; sales; partnership; corporations; deeds of conveyance; mortgages; landlord and tenant; and business crimes.

(4 hours.) Winter and summer quarters.

448. Salesmanship and Advertising.

General salesmanship and retail store selling are presented in this course, with approximately one fourth of the course devoted to general selling and three fourths of the time given to retail selling. Advertising is studied as it applies specifically to these two classes of selling. Students who take this course are encouraged to do actual selling in some of the local stores if they have had no previous selling experience.

(4 hours.) Spring quarter.

VI. Penmanship

120. Penmanship.

The course in penmanship is designed to give the students an opportunity to improve their own handwriting, both at the desk and at the blackboard, and at the same time they are given methods of teaching for each grade. The students make individual progress charts and learn how to grade their own handwriting as well as that of the children from various standard handwriting scales. The students who have made satisfactory progress at the end of the first six weeks may start writing for their teachers certificates. During the last six weeks, these students are given a chance to observe and to teach handwriting in the Training School. This course not only enables the students to acquire a thorough knowledge of the subject, but gives them an opportunity to complete all requirements for the teachers certificates in handwriting.

Required in the two- and four-year elementary curricula and in the commerce curriculum. (1 hour.) Every quarter.

121. Manuscript Writing.

The new method of manuscript writing on paper and on the blackboard is covered in this course. Speed is emphasized. Methods of teaching manuscript writing are also studied. Recommended to primary teachers.

Elective credit in rural and elementary curricula. (1 hour.) Summer term.

EDUCATION AND TEACHING

I. Education

130. An Introduction to Education.

A comprehensive survey of the field of education. Especial attention is given to the development of the American school system, aims and curricula of the various administrative units, cost, support, and administration of our schools, qualifications for teachers, the duties and the relationships of teachers, professionalizing teaching, and opportunities in teaching.

Required in the two- and four-year curricula for the preparation of elementary teachers. (4 hours.) Fall and winter quarters.

131. Introduction to Educational Psychology.

This is a beginning course and does not assume previous study of psychology. The major topics dealt with are the methods of educational psychology, the physical basis of behavior, inherited and acquired responses, mental hygiene and individual differences.

Required in the two and four-year curricula for the preparation of elementary teachers. Prerequisite: Education 130. (4 hours.) Winter and spring quarters.

132. Educational Psychology.

The first six weeks are devoted to a study of the learning process, and the second six weeks to child psychology.

Required in the two and four-year curricula for the preparation of elementary teachers. Prerequisite: Education 130 and 131. (4 hours.) Spring quarter.

223. Principles of Education with Special Reference to the Elementary School.

The course deals with properties of the human organism that make education possible, properties of society that make education necessary, historical concepts that have dominated organized education, the place of education in a democratic society, and the aims of education in a democratic society. Emphasis is placed upon a study of recent social trends and their implications for education.

Required in the two-year curriculum. Prerequisite: Education 130, 131, 132. (4 hours.) Every quarter.

224. Directed Study and Observation of Teaching.

Extra-instructional and instructional duties of the teacher are discussed. Problems pertaining to classroom management, such as establishing classroom routine, maintaining good discipline, teaching pupils to control themselves, providing a favorable physical environment, supervising the physical welfare of pupils, caring for materials and apparatus, keeping records and making reports, encouraging regular and punctual attendance, and directing extra-curricular activities, are taken up. Problems pertaining to instruction, such as planning lessons, directing study, directing the recitation, and evaluating the results of teaching are also considered. Numerous observations in the Training School are an integral part of the course.

Required in the two-year curriculum. Prerequisite: Education 130, 131, 132. (4 hours.) Every quarter.

225. Primary Education.

A course devoted primarily to a study of problems pertaining to teaching in the first three grades. The principal topics taken up are the mental and the physical growth of the child during the pre-school and the primary periods; the aims and the curricula of the nursery school and the kindergarten; the aims, the curricula, the equipment and the materials of the primary school; teaching the various subjects in the curriculum of the primary grades; and personal characteristics and professional preparation of the primary teacher.

Required in the two and four-year elementary curricula for the lower grades. Elective in the two-year rural curriculum. Prerequisite: Twelve quarter hours in education. (4 hours.) Spring quarter.

228. Reading.

This course covers briefly the development of reading objectives, materials, and methods in the elementary school. A summary is made of the results of the scientific studies in the field. Procedures in the development of skills in the various types of reading are studied and demonstrated.

Required in the two- and four-year elementary curricula. Prerequisite: 3 quarters of education. (4 hours.) Every quarter.

230. An Introduction to Education.

The topics taken up are the same as in Education 130, but special attention is given to topics pertaining to the secondary school.

Required in the four-year curriculum for the preparation of secondary school teachers. (4 hours.) Fall quarter.

231. Introduction to Educational Psychology.

The topics covered are the same as in Education 131.

Required in the four-year curriculum for the preparation of secondary school teachers. Prerequisite: Education 230. (4 hours.) Winter quarter.

232. Educational Psychology.

The first six weeks are devoted to a study of the learning process, and the second six weeks to adolescent psychology.

Required in the four-year curriculum for the preparation of secondary school teachers. Prerequisite: Education 230 and 231. (4 hours.) Spring quarter.

343. Principles of Education with Special Reference to the Secondary School.

The topics dealt with are the same as in Education 223, but special attention is given to their implications for the secondary school.

Required in the four-year curriculum for the preparation of secondary school teachers. Prerequisite: Education 230, 231, 232. (4 hours.) Every quarter.

344. Tests and Measurements.

About one-third of the time is devoted to educational statistics, with emphasis upon the applications of the various techniques that are presented. The remainder of the time is devoted to a brief study of the testing movement, advantages and limitations of various types of tests, criteria for the selection of tests, examination of numerous standardized tests, and the construction of tests in the student's major field.

Required of all students except those majoring in home economics and music. Prerequisite: sixteen quarter hours in education. (4 hours.) Every quarter.

345. Directed Study and Observation of Teaching.

Problems pertaining to the extra-instructional and the instructional activities of the secondary teacher are discussed. Observations in the Training School are an integral part of the course.

Required in the four-year curriculum for the preparation of secondary school teachers except those majoring in industrial arts. Prerequisite: Education 230, 231, 232. (4 hours.) Every quarter.

446. Modern Trends in Education.

The topics discussed vary from year to year. Each student is expected to choose for detailed study one problem in which he is especially interested. Topics such as the following are illustrative of the kind that may be taken up: curriculum building; progressive education; the guidance movement; financing education; academic freedom; educational research in special fields, such as reading, visual education, radio in education.

Elective. Prerequisite: sixteen quarter hours in education. (4 hours.) Fall and summer quarters.

447. Social Psychology.

This course deals with the various phases of social behavior. Specifically, some of the problems dealt with are instinctive adaptation to social situations; group and individual reactions to social phenomena; customs; fashions; fads; conventions; national and racial attitudes; occupations; institutions; and the social self in the present-day world.

Required in the four-year elementary curriculum. Elective in other curricula. Prerequisite: sixteen quarter hours in education. (4 hours.) Spring and summer quarters.

448. School Organization and Administration.

This is an introductory course for students who desire a knowledge of problems in educational organization, administration, and supervision in the nation, the state, and local units. The first half of the course gives an understanding of the problems of administration to enable all members of an organization to cooperate with those in final administrative authority in the formulation of policies. The second half of the course presents the problems of the elementary and high-school principal in organizing and administering schools.

School law and finance as well as current educational problems receive attention in this course.

Elective. Prerequisite: sixteen quarter hours in education. (4 hours.) Winter quarter.

449R. Current Rural Problems.

An analysis of current social issues as they affect the welfare of country and village people. The approach of these issues is made through the medium of current farm periodicals and two books: "A Study of Rural Society" by Kolb and Brumer, and "Readings Related to Agriculture" by Hamlin. Agricultural planning is discussed. Typical problems to be discussed are: How may rural people modify habits and institutions to advance the common welfare? What is the function of the rural teacher in the process of social change in rural America?

Elective in the four-year rural curriculum. Prerequisite: sixteen quarter hours in education. (4 hours.) Omitted 1941-42.

450. Special Educational Problems.

The course affords the student an opportunity for investigation and analysis of the elementary and secondary school materials in which he is most interested. Through individual conference with the instructor and research in his own field, the student studies the topics which most vitally concern him in his teaching experience.

Elective. Prerequisite: Junior standing or experience in teaching and permission of the instructor. (4 hours.) Summer term.

451. Abnormal Psychology.

Points of view as regards the nature and varieties of personality. The significance of certain facts of normal and abnormal psychology, and their bearing upon the individual. Development of practical tests for use in detecting and diagnosing abnormalities.

Elective. Prerequisite: twelve quarter hours in education. (4 hours.) Summer term.

452. School Law.

This course takes up the principles of case law applicable to practical problems of school administration. It is intended for school superintendents, principals, and supervisors concerned with the administration of public schools.

Elective. Prerequisite: twelve quarter hours in education. (4 hours.) Summer term.

453. Extra-Curricular Activities.

The aim of this course is to discover and set up guiding principles for pupil participation in the life of the school. The following activities are considered: Home room and class organization, student council, school clubs, athletic association, state contests, school publications, music clubs, dramatics, social parties, extra-curricular finances. Special consideration is given to two important supplementary school agencies, Boy Scouts and Girl Scouts. In a laboratory period following the class hour, the men of the class are taken through the "Elements of Scoutmastership" to qualify as scoutmasters. For this work they will be awarded the training certificate of the Boy Scouts

of America. A similar laboratory period is offered for the women of the class. Students are invited to bring all material available in their own school that bears on the topics of the course.

Elective. Prerequisite: twelve quarter hours in education. (4 hours.) Summer term.

454. Techniques of Guidance.

The course includes analysis of the principles underlying guidance, interpretation of the role of the teacher in the guidance program, and careful study of the techniques of guidance.

Elective in the four-year curricula. Prerequisite: Education 230, 231, 232, 343, and 344. (4 hours.) Summer term.

455. Mental Hygiene.

A course stressing the normal individual's problem of maintaining his own mental health, with secondary consideration of the significance to the community of mental illness in the cost of maintaining institutions, in crime, delinquency, suicide, alcoholism, and the like. Study of the physical, mental, emotional, and social factors underlying mental health; the right and wrong use of mental mechanisms; the rise and development of the mental hygiene movement; and the application of its principles to home, school, and social situations.

Elective. Prerequisite: Education 230, 231, 232 or the equivalent. (4 hours.) Summer term.

458. History of Industrial Arts and Home Economics in Education.

The course covers the development of techniques and philosophy from earliest history to present trends.

Required in the home economics curriculum, and in the industrial arts curriculum unless Education 345 is substituted. (4 hours.) Winter quarter.

II. Teaching

A detailed description of the courses in supervised student teaching may be found under the head, Training Schools.

All assignments for supervised student teaching are made by the director of teacher training. Students should arrange for their teaching assignment before registering for other subjects.

Students registered for teaching must leave the 4:00-5:00 period on Thursdays open for group conferences.

For restrictions on admission to supervised student teaching courses, see III, under "Scholarship."

220, 221, 222. Supervised Student Teaching in the Grades.

Required in the two-year curriculum for preparation of teachers for the grades. Teaching 222 elective if B average is made in Teaching 220 and 221. (4 hours for each course.) Every quarter.

441, 442, 443. Supervised Student Teaching in the Major or Minor Subjects.

Three quarters of teaching are required in the senior year. At least one of these quarters must be in the major subject. These

courses are listed as Teaching 441, 442, 443 in the description of courses in each department.

Required in all four-year curricula. (4 hours for each course.) Every quarter.

ENGLISH

NOTE: 1. Any student entering the Teachers College with a deficiency in the basic skills in English—reading, writing, spelling, elements of grammar and good usage—may be required to take work in remedial English in addition to the required freshman composition courses.

2. Any student teacher found deficient in English may be remanded to English 120 or to remedial work in speech or grammar or oral and written usage, as the case may require.

120, 121. Composition.

A course in the fundamentals of good speaking and writing. Creditable work in English 120, 121 is a prerequisite to teaching in the Training Schools. Credit for English 120, 121 may be earned in one, two, or more quarters according to individual progress. Students who complete English 121 when registered for English 120 may substitute another English credit for English 120, being counted excused from English 120.

Required in all curricula. (4 hours for each course.) Every quarter.

121J. Journalism I.

The course covers the fundamentals of news-writing and reporting. It is designed to train students to act as advisers for high-school student publications. Part of the class work appears regularly in *The Teachers College News*.

Prerequisite: English 120. Accepted for English 121. (4 hours.) Winter quarter.

122. Literature in the Grades.

Emphasizes chiefly wide acquaintance with the great bodies of world literature—myth, legend, etc.—and with the best poetry suitable for children.

Required in the two- and four-year curricula for lower grades. (4 hours.) Winter, spring, and summer quarters.

123. Story-Telling.

Theory and practice in telling stories to children of different ages.

Elective. The course may be substituted for English 122 or 124. (4 hours.) Summer term.

124. Methods in Composition and Literature in Upper Grades.

The teaching of composition and literature in the upper grades is covered as fully as time permits, including discussion of materials, purposes, standards, theme-topics, correcting of compositions, literature in the grades, and methods of teaching. This course is especially recommended to students interested in intermediate, upper grade, or junior high school work.

Prerequisite: English 120 and 121. Required in the two- and four-year curricula for the upper grades unless English 126 is taken. (4 hours.) Spring and summer quarters.

125. Introduction to Literature.

Designed to give the student an acquaintance with the most common types of English literature, including narrative and lyric poetry, biography and letters, the short story, and the essay.

Prerequisite: English 120 and 121. Freshmen who have taken English 10, 11, 12 in the Teachers College High School must substitute English 234 or English 126 for English 125 to avoid duplication; or English 124 or English 122 may be substituted by these students if they wish to teach at the end of two years. Required in four-year high-school curricula, except the English and commerce curricula. (4 hours.) Spring quarter.

126. Grammar.

A study of the English sentence, with some attention to the parts of speech. Methods are illustrated and stressed. This is primarily a course for those preparing to teach in the upper grades or in junior or senior high school English, but is open to any student who feels the need of grammatical insight.

Required in the two and four-year elementary curricula for the upper grades unless English 124 is taken; required in the English curriculum. (4 hours.) Every quarter.

141. Business Correspondence.

(See description under "Commerce.")

230, 231. Nineteenth Century Prose Fiction.

The primary aim is to arouse the student's interest in the best fiction, and the secondary, to furnish him with standards of judgment.

English 230 required in the English curriculum. English 231 elective. Prerequisite: English 230 to English 231. (4 hours for each course.) English 230, fall quarter; English 231, winter quarter. Summer term.

234. American Literature.

A survey of American literature from the beginning to the present, stressing trends and major writers, with as much reading in the originals as possible.

Required in the English curriculum. (4 hours.) Spring and summer quarters.

235. Greek Drama.

Origins and development of classical drama: Aeschylus, Sophocles, Euripides, with a study of Greek life and thought, and their contribution to our culture.

Elective. Prerequisite: English 120, 121, 125. (4 hours.) Fall and summer quarters.

236. Shakespeare and the Elizabethan Drama.

A study of Shakespeare's most important plays, and of their place in the development of English drama. Some attention is given to the chief dramatists contemporary with Shakespeare.

Required in the English curriculum. (4 hours.) Winter and summer quarters.

237. Modern Drama.

The purpose of this course is to familiarize the student with what is best in modern drama.

Elective. (4 hours.) Spring and summer quarters.

239. Dramatics.

A study of the presentation of plays including the reading of contemporary dramas, the production of at least one play, and the dramatization of an episode or a short story. Some instruction in the coaching of plays is given.

Elective. Accepted for English 237. (4 hours.) Summer term.

340. Methods of Teaching English in the High School.

Important topics connected with English in the high school are covered as fully as time permits.

Required in the English curriculum. (4 hours.) Spring quarter.

343. Contemporary Literature.

Extensive reading in current literature introduces the student to the best that is being written today, and provides him with some standards of judgment with the hope of stimulating his enthusiasm for good books.

Required in the English curriculum. Elective in other curricula. (4 hours.) Fall and summer quarters.

344. Advanced Rhetoric.

Chiefly written composition, applying the principles of organization and effective expression to somewhat more extended material than do English 120 and 121. The course is intended to give both an introduction to the methods of research and opportunity for original work.

Prerequisite: Junior College required English. Required in the English curriculum. Elective in other curricula. (4 hours.) Winter and summer quarters.

344J. Journalism II.

This course is designed to train students in the effective expression of problems of student life. Opportunity is afforded for original work. The present-day newspaper and its relation to contemporary life are discussed.

Prerequisite: English 121J or the equivalent. (4 hours.) Spring quarter.

345. Public Speaking.

(See description of course under Speech 345.)

346, 347, 348. English Poetry.

Appreciation of the art of poetry, and a study of some of the chief English poets, as they illustrate the art. Beowulf to Chaucer; Milton to Burns; Nineteenth Century Poetry.

Required in the English curriculum. Elective in other curricula. (4 hours for each course.) English 346, fall quarter; English 347, winter quarter; English 348, spring quarter. Summer term.

441, 442, 443. Supervised Student Teaching in English.

(4 hours for each course.) Every quarter.

449. The Essay.

This course traces the development of the essay in English, with special attention to style. Eighteenth and nineteenth century essays are stressed most.

Required in the English curriculum. Elective in other curricula. (4 hours.) Fall quarter.

450, 451. History of the English Language and Literature.

The development of the English language from Anglo-Saxon to the language of today traced concurrently with the history of English literature.

Prerequisite: English 126 or its equivalent. Required in the English curriculum. Not open as elective in other curricula except by special permission of the head of the English department. (4 hours for each course.) Winter and spring quarters.

FOREIGN LANGUAGE

Latin

123. Introductory Latin Reading.

Review of Latin grammar; exercises; practice in sight translation.

Prerequisite: Two years of Latin in high school. (4 hours.) Fall quarter.

124. Orations of Cicero.

Readings from the four orations against Catiline. Cicero's career and the political background of the conspiracy of Catiline are discussed. Exercises in Latin composition.

Prerequisite: Latin 123. (4 hours.) Winter quarter.

125. Vergil's Aeneid.

Selections from Books I to VI. Greek and Roman mythology; scansion; sight translation; life of Vergil.

Prerequisite: Latin 124. (4 hours.) Spring quarter.

230. Cicero's Essays, Selections from De Amicitia and De Senectute.

Class discussion centers around the philosophical views set forth in these works.

Prerequisite: Four years of Latin in high school or two years of Latin in high school and Latin 123, 124, 125. (4 hours.) Fall quarter.

231. Horace, Selections from the Odes, Satires, and Epistles.

Special attention is paid to the poet's philosophy and to various poetic translations of the works of Horace.

Prerequisite: Latin 230. (4 hours.) Winter quarter.

232. Livy, Selections from Books I, XXI, and XXII.

Sources and authenticity of Livy's history.

Prerequisite: Latin 231. (4 hours.) Spring quarter.

340. Methods of Teaching Latin.

Required. Prerequisite: Three years of college Latin. (4 hours.) Spring quarter.

343. Ovid, Selections from Tristia, Heroides, Amores, Fasti, Metamorphoses.

The life and times of Ovid; Roman and Greek mythology.

Required. (4 hours.) Fall quarter.

344. Latin Composition.

The purpose of this course is to give the prospective Latin teacher a facility in the use of the more elementary constructions. The exercises are based upon the authors usually read in high school.

Required. (4 hours.) Winter quarter.

345. Medieval Latin.

Readings in the history, poetry, and philosophy of the Middle Ages. Special attention is given to the comparative philology of Latin and the Romance languages.

Required. (4 hours.) Spring quarter.

441, 442, 443. Supervised Student Teaching in Latin.

(4 hours for each course.) Every quarter.

446. Roman Comedy.

The *Menaechmi* or *Captivi* of Plautus; the *Phormio* or *Andria* of Terence.

Required. (4 hours.) Omitted 1941-42.

447. Selections from Martial and Catullus.

Required. (4 hours.) Omitted 1941-42.

448 (237). Latin Literature in Translation.

A survey of Latin literature in English translations made by noteworthy authors. Lectures supply the background for the masterpieces read. The English Department recognizes this as a substitute for English 235 (Greek Drama in Translation) and by special arrangement with the head of the English Department for certain other courses. There is no Latin prerequisite.

Required. (4 hours.) Omitted 1941-42.

General Language

130. Italian.

Practice in pronunciation; the elements of grammar; reading of simple narrative.

Elective. Required in the music curriculum. (4 hours.) Fall quarter.

131. French.

Practice in pronunciation; the elements of grammar; reading of simple narrative.

Elective. Required in the music curriculum. (4 hours.) Winter quarter.

132. German.

Practice in pronunciation; the elements of grammar; reading of simple narrative.

Elective. Required in the music curriculum. (4 hours.) Spring quarter.

French

130, 131, 132. First Year French.

Principles of grammar; phonetics; pronunciation and drill in rhythm and intonation; reading of simple French texts.

Elective. No credit for graduation for less than a year's work. (4 hours for each course.) Fall, winter, and spring quarters.

233, 234, 235. Second Year French.

This sequence is conducted with the primary end in view of advancing the student's reading ability. Texts by Hemon, Bazin, Anatole France, Pierre Loti, and Balzac are read. Reports of outside reading are made every two weeks. The classes are conducted in French.

Prerequisite: Two years of high-school French or one year of college French. Elective. (4 hours for each course.) Fall, winter, and spring quarters.

343, 344, 345. Third Year French.

Selected dramas of Molière, Beaumarchais, Marivaux, Hugo, and Rostand. Modern poetry. Reading of moderately difficult texts. Frequent reports on suggested topics; weekly reports of outside reading. Oral themes; conversation.

Prerequisite: Two years of college French. Elective. (4 hours for each course.) Fall, winter, and spring quarters.

German

230, 231, 232. First Year German.

Principles of grammar; practice in pronunciation; reading of Hagboldt's *Graded Texts* and *Immensee*; memorizing of poetry.

Elective. Not open to freshmen. No credit toward graduation for less than a year's work. (4 hours for each course.) Fall, winter, and spring quarters.

333, 334, 335. Second Year German.

Rapid review of grammar; exercises in composition. Intensive reading of *Germelshausen*, *Der Schwiegersohn*, *Minna von Barnhelm*, and *Wilhelm Tell*. Students are required to read a number of German books on which written reports are made. Some poems are memorized.

Prerequisite: German 230, 231, 232, or the equivalent. Elective. (4 hours for each course.) Fall, winter, and spring quarters.

GEOGRAPHY

Note: Geography 120, 221, and 236 are required of students in the four-year elementary curriculum.

Geography 120, 130, 221, 233, 236, and 447 give a minor which fills the state requirements for the teaching of Physical and Commercial Geography in high school.

Geography 120 and 221 are required of all students who major or minor in geography. Other courses should be selected after consultation with the head of the department.

120. Principles of Geography.

A survey of the basic relationships between the natural environment and man's activities. This course is organized as a service course for those who are preparing for grade teaching and as a foundation for those who have selected geography as a major or minor subject.

Required in the geography curriculum and in the two and four-year curricula for preparation of teachers for the grades. Elective in other curricula. (4 hours.) Every quarter.

221. Climatology.

A treatment of climates and their causes. As a basis, a study is made of the form and motions of the earth as underlying influences upon the elements of weather and climate.

Required in the geography curriculum and in the two and four-year curricula for preparation of teachers for the upper grades. Elective in other curricula. (4 hours.) Every quarter.

Note: Studies of the continents lead to an understanding of the industrial and commercial development and possibilities of geographic regions.

130. Geography of North America.

A study of the countries of North America, showing the geographic basis for their stages of development and commercial relations.

Required in the geography curriculum. Prerequisite: Geography 120. Elective in other curricula. (4 hours.) Spring and summer quarters.

231. Geography of South America.

A study of the countries of South America, showing the geographic basis for their stages of development and commercial relations.

Prerequisite: Geography 120, 221. Elective in other curricula. (4 hours.) Winter quarter.

233. Physiography.

A study of the processes which change the surface of the earth. The course includes quite extensive work in interpreting the earth's surface through the use of topographic maps. This course should be elected by those who may teach physiography or general science in high school.

Required in the geography curriculum. (4 hours.) Fall and summer quarters.

236. Elements of Geology.

A study of the principles and lines of reasoning by which we have learned something about the history of the earth and of its life forms. The course plans to give a general, not technical, knowledge which will help students to observe and enjoy the out-of-doors and to give a background for geography, botany, and zoology.

Required in the four-year elementary curriculum and the geography curriculum. (4 hours.) Spring quarter.

340. Methods of Teaching Geography.

A study of the principles involved in the selection, organization, and presentation of geographic material for elementary and secondary schools according to the individual needs of the class.

Required in the geography curriculum. (4 hours.) Spring quarter.

343 (32). Geography of Europe.

A study of the countries of Europe showing the geographic basis for their stages of development and commercial relations.

Prerequisite: Geography 120, 221. Elective. (4 hours.) Fall and summer quarters.

345. Geography of Asia.

An advanced course dealing chiefly with China, Japan, and India after a general survey of the continent.

Prerequisite: Geography 130, 231, 343. (4 hours.) Winter quarter.

441, 442, 443. Supervised Student Teaching in Geography.

(4 hours for each course.) Every quarter.

446. Urban Geography.

A detailed study of the location, growth, decline, and characteristics of cities as influenced by the natural environment.

Prerequisite: Geography 120, 221. (4 hours.) Spring quarter.

447. Economic Geography.

An advanced course for teachers of commercial geography in high school.

No prerequisite. Open only to students of the Senior College. (4 hours.) Winter quarter.

448. The Conservation of Natural Resources.

A study of problems dealing with the conservation of soil, minerals, forests, and waters, with special reference to the United States.

No prerequisite. Open only to students of the Senior College. (4 hours.) Spring quarter.

HOME ECONOMICS

Note: 1. The four-year curriculum in home economics (See Curriculum G) is designed to cover the needs of teachers who wish to teach home economics in high schools which receive Federal aid under the Smith-Hughes Law. It has been approved by the State Supervisor of Home Economics.

2. Home Economics 101, 201, 202, 203, 301, and 344 have 2 lecture periods and 2 laboratory periods (100 minutes each) a week; Home Economics 232 and 304 meet 8 periods a week; other Home Economics courses meet 4 periods a week.

101. Costume Selection and Personality.

Selection of clothing and accessories as an expression of personality with emphasis upon appropriate use and value.

Required in the home economics curriculum. Elective in other curricula. (4 hours.) Fee 50 cents. Fall and winter quarters.

102. Elementary Nutrition.

The basic principles of human nutrition and their application to every-day nutritional problems; the relation of good food habits to the selection of an adequate dietary.

Required in the home economics curriculum. Elective in other curricula. (4 hours.) Fall and winter quarters.

201. Textiles.

Useful information, suggestions, and directions concerning textile fibers, yarns, and fabrics on the market today. A study of the operation and care of the sewing machine.

Required. Prerequisite: Home Economics 101. (4 hours.) Fee 50 cents. Fall and spring quarters.

202. Food Preparation.

A study of the scientific principles underlying food preparation and their application illustrated in the laboratory.

Required. Prerequisites: Home Economics 102; Chemistry 130, 131, 132. (4 hours.) Fee \$2.00. Fall and spring quarters.

203 (F343). Advanced Food Preparation.

A continuation of Home Economics 202 with consideration of more advanced problems. Some experience in the preparation of large quantities of food is offered.

Required. Prerequisites: Home Economics 102, 202; Chemistry 210, 211, 212; Botany 235. (4 hours.) Fee \$2.00. Winter and spring quarters.

232. Clothing Construction.

Fundamental principles of clothing construction and renovation. Use of sewing machine attachments.

Required. Prerequisites: Home Economics 101, 201. (4 hours.) Fee 50 cents. Winter quarter.

247. Family Relationships.

A study of trends in family life, including social changes which affect family living and problems which involve community participation.

Required. Elective in other curricula. (4 hours.) Spring quarter.

301. Meal Planning and Table Service.

Application of food selection, marketing, and the principles of cookery to the serving of meals to both small and large groups of people.

Required. Prerequisites: Home Economics 102, 202, 203. (4 hours.) Fee \$2.00. Winter and spring quarters.

304. Advanced Clothing.

A problem course intended to meet individual student needs in designing, construction, and costume assembling.

Required. Prerequisites: Home Economics 101, 201, 232. (4 hours.) Fee 50 cents. Fall and spring quarters.

340. Methods of Teaching Home Economics.

The organization of home economics in schools with a study of philosophy, objectives, curricula, course of study, content, methods of instruction, and measurements.

Required in the home economics curriculum. (4 hours.) Spring quarter.

344. Nutrition and Dietetics.

The chemistry and physiology of nutrition; food requirements of persons of different ages; adapting diet to nutritional disorder.

Required. Prerequisites: Home Economics 102; Chemistry 210, 211, 212; Botany 235. (4 hours.) Fee \$2.00. Fall and spring quarters.

345. Home Management.

A study of factors which make for the physical well-being and optimum development of the family and individuals within the family. An opportunity for practical application of principles involved is offered by residence in the Home Management House.

Required in the junior year of the home economics curriculum. (4 hours.) Every quarter.

346. Child Development.

A study of factors involved in the physical, mental, social, and emotional development of children.

Required. Prerequisite: Home Economics 247. (4 hours.) Fall quarter.

350. Consumers' Education.

A study of the consumers' problems in the present-day markets; factors influencing consumers' demands; standardization and informative labeling.

Required. Elective in other curricula. Prerequisite: Social Science 330. (4 hours.) Winter quarter.

441, 442, 443. Supervised Student Teaching in Homemaking Subjects.

Required. (4 hours for each course.) Every quarter.

446a. Home Nursing.

The first half of the course is a study of the principles governing the location, furnishings, and care of the sick room, care of patients, and first aid.

Required. Elective in other curricula. (2 hours.) Spring quarter.

446b. Special Problems in Home Economics.

A problem is selected and independently developed by the student. This problem may be chosen from any of the fields in home economics: clothing and textiles, foods and nutrition, child development, household management.

Required. (2 hours.) Spring quarter.

INDUSTRIAL ARTS

134. Bench Woodwork.

The function, care, and use of the principal woodworking hand tools are studied in this course. Consideration is given to many types

of available woodworking supplies and also to elements of woodfinishing. This course is for men; Industrial Arts 230 is for women. Two class discussions and 6 hours laboratory work each week.

Required. Fee \$2.00. (4 hours.) Fall, winter, and summer quarters.

135. Intermediate Woodwork.

This course is a continuation of Industrial Arts 134. Additional tools and materials are studied. A thorough study of lumber is made. A limit is set as to types of projects undertaken. Two class discussions and 6 hours of laboratory work each week.

Required. Prerequisite: Industrial Arts 134. Fee \$2.00. (4 hours.) Winter and spring quarters.

136 (135). General Metal.

In this course manipulative skill is developed in the use of hand tools for working common metals as tool steel, mild steel, and art metals. Processes in bending, hammering, shaping, and finishing hot and cold metal are studied. A study of metal working tools and materials is considered in this course. Two class discussions and 6 hours laboratory work each week.

Required. Fee \$2.00. (4 hours.) Fall, winter, and summer quarters.

150. Applied Electricity.

This course attempts to meet consumer's needs regarding electricity. Treatment of electrical problems arising around the home forms the core for the course. Bell circuits, house wiring, and the repairing of electrical apparatus are studied. Working techniques are stressed. Two class discussions and 6 hours laboratory work each week.

Required. Fee \$2.50 (includes all supplies). (4 hours.) Fall and winter quarters.

224. Primary Grade Handwork.

A course to familiarize teachers of the lower grades with the use of handwork for educational ends. Such materials as paper, textiles, reed, raffia, and clay are used. A teachers manual is developed. One class discussion and 7 hours laboratory work each week.

Required in the two-year and four-year elementary curricula. Fee \$2.00. (4 hours.) Fall, spring, and summer quarters.

225. Intermediate Grade Handwork.

This is a course for teachers of the upper elementary grades. Industrial activities in woods, metals, ceramics, and graphic arts are included. Two class discussions and 6 hours laboratory work each week.

Required in the two-year curriculum unless Industrial Arts 224 is taken. Required in the four-year elementary curriculum. Fee \$2.00. (4 hours.) Winter and summer quarters.

226. Sheet Metal.

Special emphasis is given to the development of skill in the use of hand tools for shaping sheet metal. The use of machines is also in-

cluded. A study of pertinent subject matter is a part of the course. Some practice in surface development is given. Two class discussions and 6 hours laboratory work each week.

Required of majors. Fee \$2.00. (4 hours.) Spring and summer quarters.

230. Woodwork for Women.

This is a course in beginning bench woodwork for women. It is designed to meet handwork needs in the seventh and eighth grades where women are teachers. The making of projects which may be used for home convenience and decoration, as book-ends, pencil holders, and letter holders, is undertaken. Two class discussions and 6 hours laboratory work each week.

Elective. Fee \$2.00. (4 hours.) Summer term.

231 (131). Mechanical Drawing I.

This course includes instruction in instrumental practice, lettering, make-up of titles, geometrical construction, techniques of drafting, orthographic projection, including auxiliary and sectional views, the development of surfaces, and pictorial representations. Two class discussions and 6 hours laboratory work each week.

Required. Fee \$1.50 (includes drawing paper). (4 hours.) Fall quarter.

232 (452). Mechanical Drawing II.

This course is a continuation of Industrial Arts 231 and includes treatment of scientific data for popular consumption, representations of fasteners used in machine design, and a study of the standards and methods of drafting as used in the larger industries. The analysis of projects and shop sketching receive special attention. Complete drawings of machines are made. Two class discussions and 6 hours of laboratory work each week.

Required. Prerequisite: Industrial Arts 231. Fee \$1.50 (includes drawing paper). (4 hours.) Winter quarter.

259 (359). Printing I.

The fundamentals of hand composition and platen presswork are taught. Methods of teaching printing in secondary schools are discussed. Two class discussions and 6 hours of laboratory work each week.

Required. Fee \$2.00. (4 hours.) Fall, spring and summer quarters.

260 (460). Printing II.

The elements of typographic design as applied to common business forms and commercial printing are taught. Instruction and practice in platen and cylinder presswork are given. Two class discussions and 6 hours of laboratory work each week.

Required. Prerequisite: Industrial Arts 259. Fee \$2.00. (4 hours.) Winter, spring and summer quarters.

275. Woodturning.

In this course a study is made of the operation and care and repair of lathes. Training is given in the use of lathe tools for spindle and

face plate turning. Special written assignments and 4 hours of laboratory work each week. (Students desiring this course should make arrangements with the instructor.)

Elective. Prerequisite: Industrial Arts 134 or shop work approved by instructor. Fee \$1.50. (2 hours.) Fall quarter.

336 (236). Millwork.

This is a course which stresses furniture and cabinet making with the use of woodworking machines. The care and adjustment of machines are included. Those who take this course may expect the variety of projects to be limited in order that certain essentials may be covered. One class discussion and 7 hours laboratory work each week.

Required. Prerequisite: Industrial Arts 135. Fee \$2.00. (4 hours.) Fall and spring quarters.

340. Methods of Teaching Industrial Arts.

The problem of organization of industrial arts subject matter for instructional purposes is the primary aim of this course. Analyses of processes is the method of approach. The determination of equipment lists based upon the teacher's objectives is included.

Required. Prerequisite: Industrial Arts 134, 136, and 231. (4 hours.) Spring quarter.

345. Industrial Arts Design.

Designing as applied to shop projects is considered in this course. Fundamental principles of design, freehand sketching, the selection and use of joints in construction, the selection and use of color, and modern designing are covered. One class discussion and 3 hours laboratory work each week.

Required. Prerequisite: Industrial Arts 134, 136, and 232. (2 hours.) Fall quarter.

350. Housing I.

This course includes city planning as it affects residential districts, purchasing the lot, selection of the architect, planning the rooms, heating, ventilation, insulation, and a study of principles of construction. A modern house is planned and working drawings are begun. Two class discussions and 6 hours laboratory work each week.

Required. Fee \$1.50 (includes drawing paper). (4 hours.) Winter quarter.

355. Housing II.

This course is a continuation of Industrial Arts 350. The study of principles of construction is continued, and a study of the legal phases of building, such as permits, specifications, contracts, and mechanic's liens is made. The student completes working drawings for a house and prepares simplified specifications for it. Two class discussions and 6 hours laboratory work each week.

Required. Prerequisite: Industrial Arts 350. Fee \$1.50 (includes drawing paper). (4 hours.) Spring quarter.

361 (461). Linotype Operation and Maintenance.

This course includes instruction in the care, adjustment, and repair of the linotype as well as practice in the operation of the machine.

Four hours of classwork and 4 hours of laboratory work per week. (Students desiring this course should make arrangements with the instructor.)

Elective. Prerequisite: Industrial Arts 260. Fee \$3.00. (4 hours.) Spring and summer quarters.

363 (463). Traffic Efficiency and Automobile Driving.

Owing to the increased use of the automobile and the great number of automobile accidents, instruction in the operation of these machines is becoming increasingly necessary. The main topics considered in this course are: mechanism of the automobile—basic facts; accidents, their cause and prevention; driving regulations; the art of driving; inspection and maintenance of the automobile; and points to consider in the purchase of an automobile. Individual driving lessons are given.

Required. Fee \$2.50. (4 hours.) Spring and summer quarters.

365. Woodfinishing.

This is a special course in woodfinishing. The course includes preparation of wood, staining, varnishing, painting, fuming, lacquering, and polychroming.

Required. Prerequisite: shop work approved by instructor. Fee \$1.50 (includes supplies). (2 hours.) Fall quarter.

380. Concrete Work.

This course involves a study of concrete and its uses. Skill is developed in the handling of tools used in concrete work.

Elective. Fee \$1.00. (2 hours.) Omitted 1941-42.

437 (237). Machine Woodwork.

This is a course involving furniture design and construction. It is open only to students who have shown ability in all previous drawing and woodworking courses. Eight hours laboratory work each week. (Students desiring this course should make arrangements with instructor before registering.)

Elective. Prerequisite: Industrial Arts 135, 232, 275, 336, and 345. Fee \$2.00. (4 hours.) Any quarter.

441, 442, 443. Supervised Student Teaching in Industrial Arts.

The student spends one hour each day in observing and participating in teaching. Another hour each day is spent in conferences, preparing teaching plans, and studying other pertinent data. Two of the three quarters of teaching are spent in industrial arts subjects and the third quarter is done in the minor field.

(4 hours for each course.) Every quarter.

444. Saw Fitting.

This course includes instruction in the care, repair, polishing, straightening, jointing, filing and setting of hand and circular saws. One class discussion and 3 hours laboratory work each week.

Required. Prerequisite: Industrial Arts 134 and 336. Fee \$1.25 (includes supplies). (2 hours.) Fall quarter.

448 (348). Machine Metal Work.

This course presents the basic principles of machine work and their application on the engine lathe. The operation, care, adjustment, and repair of machine shop equipment is included. Two class discussions and 6 hours of laboratory work each week.

Required. Fee \$2.50. (4 hours.) Fall and summer quarters.

449 (354). Advanced Machine Metal Work.

This course covers the fundamental principles of machine work, with applied laboratory work on the drilling machine, milling machine, and shaper. Instruction and practice in oxyacetylene welding are included. Two class discussions and 6 hours of laboratory work each week.

Required. Fee \$2.50. (4 hours.) Spring and summer quarters.

451. Organization of Subject Matter.

This is a continuation of Industrial Arts 340 and involves advanced work in the preparation of instructional material with a view to providing for individual progress. (This course can be taken only by special arrangement with instructor in advance of registration.)

Elective. Prerequisite: Industrial Arts 340. (2 hours.) Any quarter.

457. General Shop. (Farm Mechanics.)

In this course considerable latitude is allowed the student for the designing and constructing of a special project of his choice. 8 hours laboratory work each week. (Permission from the instructor should be obtained before registration.)

Elective. Prerequisite: Industrial Arts 136, 226, 232, 448, and 449. Fee \$2.00. (4 hours.) Summer term.

THE USE OF THE LIBRARY

Certain courses offered in the College require considerable work in the library, including reading, and looking up references, and assigned topics. To do this work with the wisest expenditure of time and effort, students should know how to use the card catalogue, magazine indexes, and some common reference books. Lessons, required of all students, are given in the freshman year of all curricula. An effort is made to have these lessons prepare for library work required of students in other courses.

120. The Use of the Library.

Freshmen who have completed Library XI in the Teachers College High School are excused from all but the last four lessons of Library 120. They should register for Library 120 (XI), given in the first four weeks of the winter quarter.

Required in the freshman year of all curricula. (1 hour.) Every quarter.

MATHEMATICS

120. The Science, Psychology, and Teaching of Number.

This course deals with the science, psychology, and teaching of number and its processes and applications. Special attention is given

to the subject matter and the technique of teaching mathematics in the first six grades.

Required in the two- and four-year elementary curricula; also required in the mathematics curriculum. (4 hours.) Every quarter.

121. Mathematics in the Upper Grades.

The primary object of this course is to prepare teachers of mathematics for the upper grades of the elementary school. The subject matter of those grades is discussed from the standpoint of the psychological and scientific development and of its use. In presenting this subject matter, methods of teaching are used that can be readily adapted to the upper grades.

Required in the two- and four-year elementary curricula. (4 hours.) Winter, spring, and summer quarters.

130 (31). Algebra and Trigonometry.

Three hours a week are devoted to college algebra and one hour to trigonometry. Review of elementary reductions, graphs, the function idea, linear and quadratic equations, systems of equation, second and third order determinants, exponents, logarithms. Topics from trigonometry include solution of right triangles and oblique triangles, and elementary relations among the trigonometric functions.

Required. Prerequisite: One year or more of high school algebra. (4 hours.) Fall quarter.

131 (32). Algebra and Trigonometry.

A continuation of Mathematics 130. The binomial theorem, progressions, inequalities, complex numbers, compound interest and annuities, permutations and combinations, probability, elementary theory of equations. Topics from trigonometry to include identities, trigonometric equations, inverse functions, radian measure, De Moivre's Theorem.

Required. Prerequisite: Mathematics 130. (4 hours.) Winter quarter.

132 (30). Solid Geometry.

This is a course in Euclidian solid geometry.

Required of those who have not had solid geometry in high school. Prerequisite: Plane geometry. (4 hours.) Fall quarter.

133 (37). Field Work.

A course in elementary applications of mathematics. Theory and use of the slide rule, construction of computation charts, use of the steel tape, construction and use of the angle mirror, hypsometer, clinometer, use of sextant and transit, elementary problems in surveying, construction and use of a plane table, determination of a meridian. The object of the course is to show the possibilities for enriching high-school mathematics courses.

Required. Prerequisite: Mathematics 130 or high school trigonometry. (4 hours.) Spring quarter.

134. Analytic Geometry.

The geometry of the straight line, circle, parabola, ellipse, and hyperbola. Parametric equations.

Required. Prerequisite: Mathematics 130. (4 hours.) Spring quarter.

228. College Geometry.

The objects of this course are to improve and extend the student's knowledge of the content and methods of Euclidian geometry and to give an introduction to modern geometry.

Required. (4 hours.) Spring quarter.

235. Calculus.

Introduction to the Differential Calculus.

Required. Prerequisite: Mathematics 134. (4 hours.) Fall quarter.

236. Calculus.

Introduction to the Integral Calculus.

Required. Prerequisite: Mathematics 235. (4 hours.) Winter quarter.

340. Methods of Teaching High-School Mathematics.

Required. (4 hours.) Spring quarter.

343 (36). Algebra.

Topics in the theory of equations: theorems about the roots of equations, Horner's and Newton's methods, the cubic and quartic equations, symmetric functions, regular polygons, the trisection problem, determinants and matrices, systems of linear equations.

Required. Prerequisite: Mathematics 235. (4 hours.) Fall quarter.

344 (35). Analytic Geometry.

Transformations upon the general second degree equation. Elementary curve fitting. Three dimensional geometry.

Required. Prerequisite: Mathematics 343 or its equivalent. (4 hours.) Winter quarter.

345. Calculus.

An extension of Mathematics 235 and 236.

Required. Prerequisite: Mathematics 236. (4 hours.) Spring quarter.

441, 442, 443. Supervised Student Teaching in High-School Mathematics.

(4 hours for each course.) Every quarter.

446, 447, 448. Differential Equations; Advanced Calculus.

I. Differential Equations. An introduction to the study of ordinary and partial differential equations with applications to geometry and mechanics. First half year.

II. Advanced Calculus. Second half year.

Prerequisite: Mathematics 235, 236, 345. (4 hours for each course.) Fall, winter, and spring quarters.

MUSIC

I. Applied Music

In the major applied field, the student must have had at least two years of study previous to college entrance and in the senior year must make a creditable public appearance as a condition of graduation. For other minimum proficiency requirements toward graduation and for applied music requirements toward the music minors, see the music curriculum outline on page 66.

In order to meet the needs of the music teacher the following outline of applied music is required. It may be noted that the minimum requirements for all majors are two years of piano and voice and one year of study on some band or orchestral instrument.

Major	Voice or Piano	15 quar. hours
Minor	Piano or Voice	6 quar. hours
2d Minor	Band or Orch. Instrument	3 quar. hours
or		
Major	Band or Orch. Instrument	12 quar. hours*
Minor	Piano	6 quar. hours
2d Minor	Voice	6 quar. hours

* Instrumental class hours excused may be added.

Credit in applied music is based upon performance standards and satisfactory progress as determined through individual examination conducted at the close of each quarter: One quarter hour of credit for one half-hour private lesson per week plus daily practice; two quarter hours of credit for two half-hour private lessons per week plus daily practice. Credit is assigned by the instructor at the close of each course.

133, 134, 135. The first, second, and third quarter's work in Piano, Violin, Viola, Cello, Flute, Clarinet, Oboe, Trumpet, or French Horn.

(1 or 2 hours.) *Every quarter.*

233, 234, 235. The fourth, fifth, and sixth quarter's work in applied music subjects.

(1 or 2 hours.) *Every quarter.*

343, 344, 345. The seventh, eighth, and ninth quarter's work in applied music subjects.

(1 or 2 hours.) *Every quarter.*

453, 454, 455. The tenth, eleventh, and twelfth quarter's work in applied music subjects.

(1 or 2 hours.) *Every quarter.*

II. Class Methods of Instruction

126, 127, 128. **Class Instruction in Piano.**

A beginning course intended for students who have had no previous piano study. This year's work substitutes for first year piano in

applied music. Stress is placed on the development of ability to play simple melodies and accompaniments, including sight-reading.

(1 hour for each course.) Fall, winter, and spring quarters.

136, 137, 138. Class Instruction in Voice.

This course is for students who enroll in first year voice. The course is designed to help the student secure a background of fundamental vocal techniques.

(1 hour for each course.) Fall, winter, and spring quarters.

Instrumental Class Methods.

The instrumental class method courses are designed to teach the techniques, musical possibilities, basic theories and methods of teaching instruments of the band and orchestra. The basic physical laws and methods of tone production are comprehensively treated with the view of developing a progressive approach to the expressive and technical problems of the instruments. Instruments are studied simultaneously with methods of teaching. Materials and methods suitable for the public school are surveyed.

236, 237. Violin Class Methods.

(2 hours for each course.) Fall and winter quarters.

238. Violoncello and Contra-bass Class Methods.

(2 hours.) Spring quarter.

336. Woodwind Class Methods—Clarinets.

(2 hours.) Fall quarter.

337. Brass Class Methods—Trumpet and Horn.

(2 hours.) Winter quarter.

338. Woodwind Class Methods—Flute, Oboe, and Bassoon.

(2 hours.) Spring quarter.

339. Brass and Percussion Methods—Trombone, Baritone, Tuba, and Drums.

(2 hours.) Spring quarter.

III. Theory and History of Music

123, 124, 125. Sight-Singing and Ear-Training.

Development of skills in sight-reading through a study of materials of the elementary school and the high school. Includes work in oral and written tonal dictation leading to a sense of tonality and comprehension of the musical vocabulary. Emphasis is placed on harmonizing simple melodies at the piano keyboard.

(2 hours for each course.) Fall, winter, and spring quarters.

229. Music Appreciation.

An enriching cultural course open to all college non-music students. A study is made of various types and forms of music as a means of increasing the student's enjoyment in listening to music. Many

favorite selections from the great music literature are made familiar through hearing and analysis.

(4 hours.) Fall and winter quarters.

230, 231, 232. Harmony.

A study of the construction and manipulation of the materials of musical composition. This includes a study of harmonic and contrapuntal devices useful to an understanding of the literature used in the public schools. Emphasis is placed on original scoring for duet, trio, and quartet combinations, and includes the writing of piano accompaniments to songs, keyboard harmonization, and original settings to melodies.

Prerequisite: Music 125. (4 hours for each course.) Fall, winter, and spring quarters.

347. Orchestration.

A study is made of the musical possibilities and limitations of the various orchestral and band instruments through reading and score study. Projects in scoring for the high school groups is required.

Prerequisite: Music 232. (2 hours.) Spring quarter.

351, 352, 353. History and Appreciation of Music.

The first two courses emphasize the development of music from its beginning to the present time. A survey is made of schools, nationalities, composers, and representative musical literature. The third quarter's work is designed to assist the student to an understanding and an appreciation of music from the listener's standpoint. Methods and materials for teaching are included.

(4 hours for each course.) Fall, winter, and spring quarters.

449 (338). Elementary Choral Conducting.

The problem of conducting is approached through a study of the vocal score. The theories and principles of baton technique are discussed and practiced. Choral literature is analyzed for means of determining criteria for effective interpretation and performance.

(2 hours.) Fall quarter.

450. Advanced Conducting.

A continuation of the study of baton technique, score reading, and rehearsal routine with emphasis on the problems of the instrumental ensembles.

Prerequisite: Music 449. (2 hours.) Winter quarter.

IV. Music Education

120. Elements of Musicianship.

Primary emphasis of the course is placed upon the musical development of the prospective teacher by means of group and individual singing, bodily movements in response to rhythms, study of elementary music theory, ear-training and simple dictation, music reading, study of the elements of design in music, and acquaintance with music literature used in the appreciation phase of the elementary school music curriculum.

Required in the two- and four-year elementary curricula. Not open to students who have credit for Sight-Singing, Ear-Training, and Aural Theory. Prerequisite to Music 228. (4 hours.) Fall, winter, and spring quarters.

227. Music in Rural Schools.

Procedures and teaching materials especially adapted to the problems of music education in the small rural school. Characteristics of the child voice through the elementary school period; the off-tune singer. The Iowa Phonograph-Choir Plan. Rhythmic development of children; eurhythmics; singing games; rhythm bands. Part-singing. Development of music reading ability. The program of appreciation through listening experiences. Problems of supervision.

(2 hours.) Summer term.

228. Music in Elementary Schools.

A study of the objectives, methods, and materials of music education in the elementary grades. Teaching theories and basic principles underlying the musical development of the child are discussed in class, and made clear through observation of music teaching in the Training School.

Required in the music curriculum and in the four-year elementary curriculum. Prerequisite in the four-year elementary curriculum: Music 120. (4 hours.) Fall and spring quarters.

340. Methods of Teaching Music in High Schools.

The music curriculum of the junior and senior high schools is studied with special emphasis upon the organization and development of music classes and organizations; the selection of materials for programs, contests, and festivals; the production of operettas; the content of credit courses in music; the use of music tests.

(4 hours.) Winter quarter.

441, 442, 443. Supervised Student Teaching in Music.

Supervised experience in teaching the various activities of the vocal and instrumental music program in the campus elementary and secondary schools.

(4 hours for each course.) Fall, winter, and spring quarters.

451. Music Supervision.

A brief survey of the development of public school music in the United States and of the reconstruction taking place in the present school music curriculum. Criteria are given for evaluating music instruction, and methods of improving the music teaching of grade, rural, and high school teachers. The problems of supervision are surveyed.

Prerequisite: Music 228 and at least one quarter of music teaching. (2 hours.) Spring quarter.

452. Psychology of Music.

A study of psychological concepts of musical factors; the development of musical feeling; analysis of musical talent; testing and guidance programs; analysis of factors in musical performance; timbre characteristics of the musical instruments.

*Open to seniors or others by permission of instructor. (4 hours.)
Summer term.*

V. Music Organizations and Activities

College A Cappella Choir.

A group of men and women chosen by means of voice tests. The choir presents a Christmas program and other concerts both at the College and on tour, singing the finest sacred and secular a cappella literature. Rehearsals are held twice weekly. (1 hour credit for each quarter's work; not counted toward graduation.)

Men's Glee Club.

This club is composed of men who are interested in the performance of good choral literature. Admission is based on ear, vocal, and sight-reading requirements. This group makes several public appearances during the year. Rehearsals are one hour in length and are held twice each week. (1 hour for each quarter's work; not counted toward graduation.)

Cecilian Singers.

A large organization of students who gain enjoyable experience in voice study through the study of part songs and choruses. Open to all women students. Scheduled rehearsals each week. (1 hour credit for each quarter's work; not counted toward graduation.)

Symphonic Band.

A marching unit during the football season and a concert organization throughout the year, giving concerts for the student body and the public, both in Charleston and in neighboring cities. Open to all students who can qualify in playing ability. Some instruments are furnished to members by the Music Department. Three rehearsals are held each week. (1 hour credit for each quarter's work; not counted toward graduation.)

Orchestra.

An organization of symphonic proportions, playing standard orchestral works. The orchestra provides music for the College plays and appears publicly on various occasions. Open to all students who meet the necessary requirements of playing ability. The College furnishes some instruments in order to make a balanced instrumentation possible. Three rehearsals each week. (1 hour credit for each quarter's work; not counted toward graduation.)

Recitals.

Each student is required to play or sing a suitable piece at least two times during the year on a Student Recital program. Valuable experience is thus gained through public performance. Attendance by all music minors and majors is required for these recitals as well as other music events sponsored by the Department of Music. The Head of the Department may in special cases excuse students from the above requirements.

PHYSICAL EDUCATION FOR MEN

Required Courses

Physical Education, two hours a week for two years, is required. Students must take this work in the freshman and sophomore years. The courses consist in elementary work in the following activities:

Gymnastics	Basketball
Tumbling	Volleyball
Apparatus work	Golf
Softball	Tennis

The required work in Physical Education is also offered in the summer term.

At the beginning of each year a thorough physical examination is given to all students. The examining physician notes all defects, abnormalities, and weaknesses and prescribes exercise to fit the needs of the individual. A resident health director follows up all cases in need of medical attention.

Credit earned in the required courses in physical education is a part of the 104 quarter hours required for a diploma and the 199 quarter hours required for a degree.

Equipment. Each student taking physical education is required to have a regulation gymnasium suit. This suit consists of a white sleeveless jersey, khaki running pants, gray sweat shirt and pants, and rubber-soled shoes. The student is required to keep these clean and in good condition.

Professional Courses

120. Sport Technique in Tennis, Golf, Archery, and Badminton.

The rules and technique of tennis, golf, archery, and badminton; conduct of tournaments; also teaching and appreciation of these sports.

Required. (4 hours.) Fall quarter.

121. Elementary Gymnastics.

This course includes the theory and practice of gymnastics, tumbling stunts, calisthenics, and marching. Methods of teaching these activities, care of apparatus, mats, and technique of spotting.

Required. (4 hours.) Winter quarter.

122 (121). Outdoor Recreational Sports.

The rules, technique, and strategy are studied and practiced in soccer, touch football, volleyball, and softball; also teaching and appreciation of these sports.

Required. (4 hours.) Spring quarter.

226. Physical Education Activities for Elementary, Junior, and Senior High Schools.

This course includes the study and practice of the physical education activities for the different age levels; including the organization, management, and methods in the leadership of the various activities.

Required. (4 hours.) Winter quarter.

227. Physical Education and Health Education in Elementary, Junior, and Senior High Schools.

This course includes the principles of teaching health behavior to the elementary, junior, and senior high-school students; evaluation of various methods and procedures; also the relationship of activities to the health program.

Required. (4 hours.) Spring quarter.

340. Methods and Materials for Teaching Physical Education.

This course includes methods of teaching physical education and also the collection and preparation of materials for students on the different age levels in the elementary, junior, and senior high schools.

Required. (4 hours.) Spring quarter.

344. Kinesiology.

A study is made of the science of body mechanics. The topics that are studied are laws of physics applied to activity, joint movements, motion of muscle groups in producing motion, analysis of fundamental body movements, and the adaptation of gymnastic exercises to posture training and sport activities.

Required. Prerequisite: Anatomy 225. (4 hours.) Fall quarter.

347. Basketball Coaching.

This course deals with the professional aspect of basketball coaching. It involves offensive and defensive styles of play, fundamentals, team play and a study of the rules including the change of rules, and conduct of tournament play.

Required. (4 hours.) Fall quarter.

348. Football Coaching.

This course deals with the fundamentals of football, including blocking, tackling, passing, kicking, offensive and defensive line and backfield play, and the different systems of play.

Required. (4 hours.) Spring quarter.

349. Track and Field Coaching.

This course deals with track and field events. The technique of running and starting is studied. Form in the following events is studied: Pole vault, shot, discus, high and broad jump, javelin, and the hurdles. Organization of different types of meets; study of rules, and appreciation of track and field performances.

Required. (4 hours.) Spring quarter.

350. Baseball Coaching.

The course includes the techniques of batting, fielding, playing the different positions; the strategy of baseball, the conduct of daily practice, rules and play situations; also methods of teaching baseball and understanding baseball. Major League vs. college baseball is discussed.

Required. (4 hours.) Spring quarter.

441, 442, 443. Supervised Student Teaching in Physical Education in the High School and Elementary School.

(4 hours for each course.) Every quarter.

451. Principles of Physical Education.

A review of the historic background of physical education is given to trace the influences that have contributed to the development of the modern philosophy of physical education. The course also considers the relation of physical education to general education and the principles upon which the program of physical education is based. The standards and objectives in physical education are considered.

Elective. (4 hours.) Fall quarter.

452. Physical Education Administration and Supervision.

This course deals with program building and the responsibilities of an administrator. It considers the standard of professional qualifications; the planning of courses of study; the construction, equipment, and upkeep of gymnasias and playfields; records, interschool relations, and the intramural program.

Elective. (4 hours.) Winter quarter.

453. Advanced Gymnastics.

This course is designed for those who wish to take advanced work on apparatus, tumbling, large group pyramid building, teaching of safety, use of the lunging belt and safety devices; organization for public demonstrations.

Elective. (4 hours.) Winter quarter.

PHYSICAL EDUCATION FOR WOMEN

Physical Education, two hours a week for two years, is required. **Students must take this work in the freshman and sophomore years.** This is a part of the 104 quarter hours required for a diploma and the 199 quarter hours required for a degree.

At the beginning of each year a thorough physical examination is given to all students. The examining physician notes all defects, abnormalities, and weaknesses and prescribes exercise to fit the needs of the individual. A resident health director follows up all cases in need of medical attention.

Regulation costumes are required. The gymnasium suit should not be purchased until notified by the instructor.

Required Courses

The required work in Physical Education is also offered in the summer term.

Freshmen

Sports. Hockey, soccer, tennis. For those permitted only moderate exercise—archery or deck tennis.

(1 hour.) Fall quarter.

Rhythm Analysis. An understanding of the fundamentals of rhythm as applied to bodily movement. An opportunity for expression and satisfaction of bodily movement through rhythmical activities including folk dancing and social dancing.

(1 hour.) Winter quarter.

Tap Dancing. Analysis of the fundamental tap steps, application of these into tap routines and finally actual learning of tap dances. Emphasis is put on rhythmical training and the opportunity for expression and satisfaction of bodily movement through a rhythmical activity.

(1 hour.) Winter quarter.

Sports. Baseball, tennis, golf. For those permitted only moderate exercise—archery or deck tennis.

(1 hour.) Spring quarter.

Sophomores

Sports. Hockey, soccer, tennis. For those permitted only moderate exercise—archery or deck tennis.

(1 hour.) Fall quarter.

Rhythms for the Elementary Grades (1 to 6.)

This course is required of all students planning to teach in the elementary grades. The purpose of the course is to give instruction in the choice, use, and presentation of rhythmic activities used in the elementary grades and to provide opportunity to teach the same.

(1 hour.) Winter and spring quarters.

Games for the Elementary Grades (1 to 6.)

This course is required of all students planning to teach in the elementary grades. The purpose of the course is to give instruction in the choice, use, and presentation of games used in the elementary grades and to provide opportunity to teach the same.

(1 hour.) Winter and spring quarters.

Rhythms for the Junior and Senior High School.

This course is required of all students planning to teach in the Junior or Senior High School. The purpose is to give instruction in the choice, use, and presentation of folk dances, tap dances, and rhythmic activities used in the Junior and Senior High School and to give opportunity to teach the same.

(1 hour.) Winter and spring quarters.

Games for the Junior and Senior High School.

This course is required of all students planning to teach in the Junior and Senior High School. The purpose is to give instruction in the choice, use, and presentation of games for the Junior and Senior High School and to give opportunity to teach the same.

(1 hour.) Winter and spring quarters.

Requirements for a Minor in Physical Education for Women

Note 1: Required courses are: Anatomy 225, Physical Education 346, Physical Education 451. Three other courses to be chosen from Physical Education 231, 232, 343, 344, 450, 454. (Anatomy 225 should precede all other courses, and Physical Education 451 should be the last course taken. Other courses may be taken in any order.)

Note 2: Students taking a minor in physical education are required to participate in the activities of the Women's Athletic Association each year of residence.

225. Anatomy. (See course description under Zoology.)

231. Methods of Teaching Games in Elementary School.

This course deals with the theory and technique of teaching team sports, individual sports, and recreational activities in the elementary school.

(4 hours.) Winter and summer terms.

232. Methods of Teaching Games in High School.

This course deals with the theory and technique of teaching team sports, individual sports, and recreational activities in the high school.

(4 hours.) Spring and summer terms.

343. Technique of Baseball and Tennis.

Instruction and practice in the fundamentals of these sports designed to develop the necessary motor skills and a knowledge of the rules preparatory to teaching them.

(4 hours.) Spring quarter.

344. Leadership in Recreation.

This course is planned for the purpose of training leaders in the recreation field. Objectives, methods, and content are discussed, observed, and practiced. The theory of leadership, recreational activities, organization of girls' clubs, the conduct of parties, community recreation, playground supervision, and hobbies are studied.

(4 hours.) Fall or spring quarters.

346. Dance in Education.

Fundamentals in rhythm analysis as applied to the teaching of rhythm in the physical education program. This course includes the analysis of dance steps, the fundamentals of rhythmical knowledge as applied to bodily movement, and methods in teaching.

Required. Prerequisite: Rhythm analysis in winter term of freshman year. (4 hours.) Winter quarter.

450. Technique of Basketball and Volley Ball.

Instruction and practice in the fundamentals of these sports designed to develop the necessary motor skills and a knowledge of the rules preparatory to teaching them.

(4 hours.) Winter quarter.

451. Principles of Physical Education.

The relation of physical education to general education; the guiding principles upon which the program of physical education is based. The student groups set up definite situations for which they build physical education curricula for elementary and secondary schools.

Required. (4 hours.) Spring quarter.

454. Technique of Archery, Soccer, Field Ball, and Speed Ball.

Instruction and practice in the fundamentals of these sports designed to develop the necessary motor skills and a knowledge of rules preparatory to teaching them.

(4 hours.) Fall quarter.

BIOLOGICAL SCIENCE**I. Hygiene and Human Physiology****120. Hygiene and Sanitation.**

The first half of the course considers health factors (environment, living habits, heredity), nutrition, the muscular, excretory, and nervous systems, and the ductless glands.

The second part takes up bacteria and the resistance of the body to them, immunity to disease, water and water purification, sewage disposal, ventilation, food preservation, and health departments.

Required in all curricula. (4 hours.) Every quarter.

345. Physiology.

A study of the basic physiological principles is followed by experimental studies of muscle nerve complexes, circulation, respiration, and digestion.

Required in the physical education curriculum. Prerequisite: Anatomy 225. Elective in other curricula. (4 hours.) Winter quarter.

346. Physiology.

A continuation of the foregoing course in which studies are made of the organs of internal secretion, of excretion, and of the nervous systems and organs of special sense.

Elective in the physical education curriculum. Prerequisite: Physiology 345. (4 hours.) Spring quarter.

II. Botany

Botany 120, 121, 122 has been designed first as a contribution to the general education of a student who does not take further courses in the biological sciences. A definite attempt is made to develop the ability to make accurate observations and to evaluate critically first-hand data in the solving of problems; to understand environment and its effect upon living organisms; to know the important groups of plants in his community and to be able to identify many species; and to use the laboratory tools and to attain some proficiency with the techniques of a science laboratory.

These courses are equally fundamental for those who major or minor in botany or zoology, for those who continue in graduate work, and for those who wish the experience of a year of laboratory science that is of value after graduation.

120. General Botany.

A course designed to give the student a knowledge of the fundamental physiological processes concerned in the growth of plants, and of the external and internal structures which are concerned in these processes in leaves, stems, and roots. It includes also the effects of environment on these processes and structures.

Required in the two-year curriculum, unless Zoology 123 (or 120) or Botany 121 or 122 is taken. Elective in other curricula. (4 hours.) Every quarter.

121. General Botany.

A study of the reproduction of flowering plants, the development of fruit and seeds from the parts of the flower, the mechanism of heredity, and a brief study of the great groups of plants.

Required. Prerequisite: Botany 120. (4 hours.) Winter and summer quarters.

122. General Local Flora and Plant Ecology.

An introduction to the geographic and physiographic ecology of North America. The identification of trees in winter and summer condition, of the common fresh water algae, liverworts, mosses and ferns, and of flowering plants as the season advances; and a study of structures which is necessary for the recognition of these forms. The course is designed especially for those who expect to teach biological science in secondary schools.

Required. Prerequisite: Botany 120, 121, or permission of the instructor. (4 hours.) Spring and summer quarters.

230. The Morphology of Green Plants.

A study of the vegetative and reproductive structures of the green plants and a comparative study of the typical life histories of the great groups. The course consists mostly of laboratory work.

Required. Prerequisite: Botany 120, 121. (4 hours.) Fall quarter.

231. Introduction to Fungi and Plant Diseases.

The structure, life histories, and physiology of the groups of fungi and their relation to decay, fermentation, and the important plant diseases.

Required. Prerequisite: Botany 120, 121. (4 hours.) Winter quarter.

232. Economic Botany.

The relation of vegetation centers to crop centers; the effect of environment factors on the production of carbohydrates, fats, fibers, and other plant products; the value of micro-organisms in the important economic practices carried on by their use; the control of the life processes of plants with special reference to the cultural practices in the art of agriculture and in industry. This is not a laboratory course, but some field trips are required.

Required. Prerequisite: Botany 120, 121. (4 hours.) Spring quarter.

235. Microbiology.

A study of the occurrence, numbers, and distribution of the bacteria and other fungi; the culture and isolation of bacteria and other fungi; the microbiology of foods, water, and sewage; the economic uses of the activity of micro-organisms.

Prerequisite: Botany 120 and one year of chemistry. Required of home economics majors and open to other students of junior or senior standing. It is a desirable unit in a botany minor. (4 hours.) Every quarter.

340. Methods of Teaching Botany.

The course includes methods of teaching high-school botany and also the collection and preparation of material for demonstration and laboratory in high-school botany.

Required. Prerequisite: Two years' work in college botany. (4 hours.) Spring quarter.

343. Microtechnic.

A course designed for the purpose of giving the student a knowledge of the preparation of botanical material for class use and for the making of microscopic slides. It is desirable that students in this course shall have had a year of chemistry.

Required. Prerequisite: Botany 120, 121, 122, and 230, or the equivalent. (4 hours.) Winter quarter.

344. Experimental Plant Physiology.

A qualitative and quantitative study of the experiments demonstrating the chemical and physical processes that result in the growth of plants and the application of this knowledge in solving problems in the growth of plants.

Required. Prerequisite: One year of chemistry and Botany 120, 121. (4 hours.) Fall quarter.

345. Advanced Botany.

This is designed to meet the needs of individual students who wish to do advanced work in some special field of botany. The student may choose the work he wishes to do.

Elective. Prerequisite: Five quarters of botany and the instructor's permission. (4 hours.) Any quarter.

441, 442, 443. Supervised Student Teaching in Botany.

(4 hours for each course.) Every quarter.

446. Plant Anatomy and Wood Identification.

A critical study of the development of the tissues of the leaves, stems, and roots of the seed plants; their common ecological variations and hereditary types. A study is made of the structure of the wood of trees with special reference to the anatomy necessary for wood identification.

Required. Prerequisite: Botany 120, 121, 122. (4 hours.) Spring quarter.

III. Zoology

The courses offered in the zoology department are designed to serve three general purposes: (1) to enable students to develop a well-rounded knowledge of the field of zoology, sufficient to meet the requirements of a major or minor subject; (2) to give a knowledge of materials and methods for the teaching of science in the elementary school as well as in the high school; (3) to enable the student to fulfill the requirement of a year of laboratory science.

Zoology 120, 121, 122 form a year's work which has several definite aims. The introduction and use of the scientific method is stressed, and an effort is made to install it as a part of the student's mental

habits. A survey of all the varied fields of zoology is given in these courses and emphasis is placed on those fundamental principles which may be directly applied to the student's own life. The importance of the knowledge of certain general principles to the solution of some of our social problems is advanced. Finally, a knowledge is given of those animals which are found in our environment and which may merely hold our attention or seriously affect our economic status.

The remaining courses in the department are designed to give a more detailed knowledge of the field of zoology to those who desire to make it a major or minor field of study. This enables them to teach the subject or to continue in graduate work.

120. Animal Biology.

A consideration of fundamental biological principles based upon animal material. This course forms the first quarter of the first year course in zoology. The structure of cells, tissues, and organs, together with their functions, is considered.

Required. (4 hours.) Fall and summer quarters.

121. Animal Biology.

This course is concerned with the various types of reproduction in animals and with genetics and eugenics.

Required. Prerequisite: Zoology 120 or equivalent. (4 hours.) Winter and alternate summer quarters.

122. Animal Biology.

A study of the structure and habits of the animals of the various divisions of the animal kingdom. Their ecology, geographic distribution, and evolution are considered. Students enrolled in this course must either buy or rent a set of dissecting instruments.

Required. (4 hours.) Spring and summer quarters.

123. Nature Study.

This course is designed to meet the biology requirement of the two-year curriculum. Its aim is to give a background for the teaching of nature study in the grades. It replaces the former requirement of Zoology 120. The course includes a study of the fundamental life processes and of the identification of birds and insects. It is not accepted for Zoology 121 or 122 toward a laboratory science requirement.

Required in the freshman year of the two-year curriculum unless Botany 120 is taken. Accepted for Zoology 120. (4 hours.) Spring quarter.

124. Nature Study.

A course in bird study. The aim of the course is to familiarize the student with birds in the field. Recognition of birds, a study of their nesting habits, food habits, and economic importance make up the subject matter of the course. Much of the work is done in the field.

Accepted for required science in the elementary curriculum, or as an elective in the sophomore year of the elementary curriculum. (4 hours.) Summer term.

125. Nature Study.

A study of the insects which are common in the local environment. Means of recognition, life-history studies, and control measures are stressed. The insects of the fields, woods, and waters are studied as well as those found on the various farm crops. Much of the work is done in the field.

Accepted for required science in the elementary curriculum, or as an elective in the sophomore year of the elementary curriculum. (4 hours.) Summer term.

225. Anatomy.

Bodily structure is first studied by systems, followed by consideration of regions to establish the relationship among the systems. Particular attention is given to muscles, their names, origin, insertion, action, blood and nerve supply, with the specific object of providing a basis for the understanding of general body movements.

Required in the physical education curriculum for men and women. Elective in other curricula. (4 hours.) Fall quarter.

230, 231, 232. Vertebrate Zoology.

A study of the anatomy, classification, and habits of various classes of vertebrates. Zoology 230 deals with fishes; Zoology 231, with amphibians and reptiles; Zoology, 232, with birds and mammals.

Required. Prerequisite: Zoology 120, 121. (4 hours for each course.) Fall, winter, and spring quarters.

340. Methods of Teaching Zoology.

This course includes methods of teaching zoology and also the collection and preparation of material for demonstration and laboratory in high-school zoology.

Required. (4 hours.) Spring quarter.

343, 344, 345. Advanced Zoology.

A study of insects. Deals with the classification and ecology of this large and important class. Methods of collection and preparation of specimens are studied. It prepares for teaching biological science in the upper grades or high school.

Required. Prerequisite: Zoology 120, 121. (4 hours for each course.) Fall, winter, and spring quarters.

441, 442, 443. Supervised Student Teaching in Zoology.

(4 hours for each course.) Every quarter.

446. Microtechnic.

Methods and practice in the preparation of microscopic slides of animal tissues. Some histological studies are included.

Elective. Prerequisite: Two years of zoology and permission of the instructor. (4 hours.) Any quarter.

447. Animal Behavior.

Theoretical and experimental studies of the reactions of animals to various stimuli.

Elective. Prerequisite: Two years of zoology and permission of the instructor. (4 hours.) Omitted 1941-42.

448. Animal Ecology.

A study of various animal associations and the effects of environmental conditions.

Elective. Prerequisite: Two years of zoology and permission of the instructor. (4 hours.) Omitted 1941-42.

449. Special Problems in Zoology.

Students who have had three years' work in zoology may elect this course. With the consent of the instructor a problem which is of interest to the student is selected to give training in original work in the field of zoology. Weekly conferences with the instructor guide the student and a written report of the work is required at the end of the quarter.

Elective. Prerequisite: Three years of work in zoology. (4 hours.) Any quarter, with the permission of the instructor.

IV. Biology

The year's work is an integrated course covering the fundamentals of botany and zoology. The course is planned to acquaint the student, who presumably will take only one year of biological science, with the basic principles of that science. The course is organized on the premise that a course emphasizing living processes in general, interdependence of living things, life histories, and economic importance will be of far more value to students who are not majoring in the biological sciences than a necessarily more narrow course in either botany or zoology. The definite aims considered in the organization of the course prevent biology from becoming a chaotic or confusing body of information, and in the year's work much is done in developing a scientific attitude in the solution of problems.

Plant and animal structures and modifications are studied. This is followed by a study of the metabolic processes in which consideration is given to the food and energy relations of living things. Reproduction, the laws of heredity, and embryology are the next units considered. Then follows a study and general survey of the great groups of the plant and animal kingdoms. The year's course in biology is made more vital and interesting to the student by field trips, in which are studied local flora and fauna, sewage disposal, and water filtration as well as other biological factors which directly influence the lives of people living in an organized society.

126, 127, 128. General Biological Science.

An integrated course covering the fundamentals of botany and zoology. Local flora and fauna are studied in the fall, followed by surveys of the large plant and animal groups. The cell is considered as the unit of living things.

The structure, modification, and function of cells are studied. This is followed by a consideration of the physical and chemical properties of the food and energy relations of living things. Cell division, reproduction, and the laws of heredity are the next units discussed. Then follows a study of the spring forms found in the local flora and fauna.

Required in the four-year elementary curriculum. Elective as a year of laboratory science in any four-year curriculum. Does not count as a part of a minor in botany or zoology. (4 hours for each course.) Fall, winter, and spring quarters.

PHYSICAL SCIENCE

I. Chemistry

Note: A four-year sequence is offered: 1. Elementary chemistry and introduction to qualitative analysis (130, 131, 132 or 150, 151, 152). 2. Qualitative and quantitative analysis (233, 234, 235). 3. Organic chemistry (343, 344, 345). 4. Physical chemistry (446, 447, 448).

Those for whom chemistry is the minor subject should take Chemistry 233, 234, and 235 for the second year's work if they expect to teach high-school chemistry. Chemistry 450, or 451, or 452 (one quarter) unless Chemistry 446, 447, 448 is elected is required of chemistry majors. Chemistry 210, 211, 212 are required of those majoring in home economics.

The first course in chemistry is planned as a year's work in laboratory science for both the students who will take no more science and the ones who go on. This work is basic to all other chemistry courses and for anyone who seeks knowledge in the fields of biological or medical science. It is also very important to anyone wishing to understand something of the tremendously important part chemistry plays in our modern economic and social system.

Those who offer a year course in High School Chemistry on entrance should take the placement examination and register in Chemistry 150, 151, and 152 in place of Chemistry 130, 131, and 132.

130. Elementary Chemistry.

An introduction to many of the basic ideas and principles of the science. Such fundamentals as atomic structure, molecular combination, periodic table, oxidation and reduction, equilibria, etc., are studied and used as a foundation for developing an understanding of chemistry.

Open to students who have had no high school chemistry. (4 hours.) Fall quarter.

131, 132. Elementary Chemistry.

A continuation of Chemistry 130. The remainder of the non-metals, the simpler carbon compounds and the more common metals are studied. The work on the metals is supplemented by an introduction to qualitative analysis in the laboratory during the spring quarter.

Open to students who have had no high school chemistry. Prerequisite: Chemistry 130. (4 hours for each course.) Winter and spring quarters.

150, 151, 152. General Chemistry.

A survey of the field of chemistry covering the same general material as in Chemistry 130, 131, and 132 but in greater detail. Greater

stress is laid on the applications of chemistry to present-day life, and more time is devoted to organic chemistry than is possible in the other courses.

Prerequisite: A satisfactory course in high school chemistry. (4 hours for each course.) Fall, winter, and spring quarters.

210, 211a. Organic Chemistry for Home Economics Majors.

A short course in organic chemistry covering the basic principles and the more important compounds. Introductory to biochemistry.

Required in the home economics curriculum. Prerequisite: Chemistry 130, 131, 132 or Chemistry 150, 151, 152. (6 hours.) Fall and winter quarters.

211b, 212. Biochemistry.

The organic and biochemistry of foods, digestion, and other phenomena related to nutrition.

Required in the home economics curriculum. Prerequisite: Chemistry 210 and 211a or 343 and 344. (6 hours.) Winter and spring quarters.

233. Qualitative Analysis.

The chemistry of the metals and the principles involved in their separation and determination.

Required. Prerequisite: Chemistry 130, 131, 132, and Physics 130 or Physics 130 may be taken concurrently. (4 hours.) Fall quarter.

234a. Qualitative Analysis.

A continuation of Chemistry 233. Anion analysis.

Required. (2 hours.) Winter quarter.

234b. Quantitative Analysis.

Calibration of apparatus and an introduction to volumetric analysis.

Required. Prerequisite: Chemistry 233. (2 hours.) Winter quarter.

235. Quantitative Analysis.

Continuation of Chemistry 234b and gravimetric analysis.

Required. Prerequisite: Chemistry 234. (4 hours.) Spring quarter.

300. Photography.

The general theory and use of the camera and its various parts, the emulsion, types of emulsion, latent image, development, fixation, printing, enlarging, toning, filters, color photography, composition, etc., are studied. Experiments are assigned in accordance with experience and ability.

Elective. Prerequisite: One year of college laboratory science, preferably physical science, and a camera. (4 hours.) Winter and summer quarters.

340. Methods of Teaching Chemistry.

Required. (4 hours.) Spring quarter.

343, 344, 345. Organic Chemistry.

A study of the aliphatic and aromatic series and the principles of organic chemistry.

Required. Prerequisite: Chemistry 130, 131, 132. (4 hours for each course.) Fall, winter, and spring quarters.

360. Colloids.

A study of the preparation and properties of colloids; their importance in biological science, food chemistry, medicine, and industry.

Elective. Prerequisite: Two years of college chemistry, part of which should include organic chemistry. (4 hours.) Fall quarter.

441, 442, 443. Supervised Student Teaching in Chemistry.

(4 hours for each course.) Every quarter.

446, 447, 448. Physical Chemistry.

A study of fundamental physical properties governing chemical reactions.

Elective. Prerequisite: Chemistry 233, 234, 235; Physics 130, 131, 132; Mathematics 235 and 236. (Mathematics 345 and Chemistry 343, 344, 345 are desirable.) (4 hours for each course.) Fall, winter, and spring quarters.

450, 451, 452. Advanced Chemistry.

Laboratory technique, maintenance and repair of apparatus such as that found in the average high-school laboratory, and use of the literature of chemistry are developed in the student by means of a simple research problem. The student is expected to choose the type of work in which he is most interested after consulting with the head of the department. One quarter's work is required of all chemistry majors.

Chemistry 450 is required. Prerequisite: Physics 130, 131, 132. (4 hours for each course.) Any quarter, by permission.

II. Physics

The first year in physics is planned to give the whole field of physics in perspective. It is to serve as the ground work for physics majors and minors by giving a first acquaintance to all departments of the field, thus preparing for the more specialized work to follow. It is also planned to meet the needs of students who wish to take it as the required course in laboratory science for its general cultural value. An effort is made to interpret physical environment in terms of general laws so that one can understand natural phenomena in an ordered fashion. Also an appreciation for scientific method is emphasized in order to give impetus to clear and unprejudiced thinking.

130, 131, 132. First Year of College Physics.

Physics 130, mechanics and heat; Physics 131, magnetism and electricity; Physics 132, light and sound.

Required. (4 hours for each course.) Fall, winter, and spring quarters.

235. Mechanics and Heat.

Second year experiments with Atwood's machine, elastic and inelastic impact, simple harmonic motion; Boyle's and Charles's Law, vapor pressure, mechanical equivalent of heat.

236. Light.

Second year experiments with lenses and mirrors, prism and grating spectroscopy, Michelson interferometer and polarization phenomena.

237. Electron Physics.

Second year experiments with radio-activity, discharge tubes, vacuum tubes, photo-electricity, thermo-couples, X-rays.

Required. Prerequisite: Physics 130, 131, 132. (4 hours for each course.) Winter, fall, and spring quarters.

238. Sound.

Physical principles of production and control of sound. The applications of principles to music and musical instruments. Hearing. A brief introduction to architectural acoustics. A summary of modern methods of analysis. Class and laboratory. Most of the laboratory time will be devoted to demonstrations and group projects.

Elective. Prerequisite: General physics or music. (4 hours.) Summer term.

322. Household Physics.

This course is especially designed for home economics students. Principles of heat, mechanics, electricity, and light as applied in the home. A considerable part of the laboratory work deals with household appliances.

Required in the home economics curriculum. (4 hours.) Winter quarter.

343. Radio.

A study is made of the principles underlying radio communication. The course includes a study of some typical circuits used in receiving sets and a detailed study of the function of inductance, capacitance, and resistance in electric circuits. Types of vacuum tubes are discussed.

In the laboratory, electrical measurements of parts and assembled units are made. This includes taking characteristic curves of vacuum tubes.

Elective. Prerequisite: Physics 131. (4 hours.) Fall and summer quarters.

340, 441, 442, 443. Methods and Supervised Student Teaching in Physics.

Required. (4 hours for each course.) Physics 340, spring quarter; Teaching 441, 442, 443, every quarter.

344. Electrical Measurements.

A laboratory course with experiments on high precision measurements. Potentiometer measurement of potential, current and resistance. Ballistic galvanometer measurements of quantity and capacity. Alternating current bridge. Electro-chemical measurements. Magnetization and hysteresis measurement. Insulation resistance measurement.

Elective. Prerequisite: Physics 131. (4 hours.) Summer term.

348. Mechanics, Theory.

A standard elementary course in theoretical mechanics. Studies of forces acting on a body; vectors; the laws of motion as applied to physical bodies; moment of inertia; momentum; energy.

Prerequisite: Physics 130 and trigonometry. (4 hours.) Fall quarter.

349. Heat, Theory.

Thermometry, expansion of solids, liquids, and gases. The general gas laws and the kinetic theory. Introduction to thermodynamics.

Prerequisite: Physics 130. (4 hours.) Winter quarter.

350. Electricity and Magnetism, Theory.

Magnets and the magnetic field; the electric field; direct current and magnetic field; alternating current and phase relations; units.

Prerequisite: Physics 130 and trigonometry. (4 hours.) Spring quarter.

451. Light, Theory.

A brief review of geometrical optics. Phenomena of light studied in terms of physical optics (light as a wave motion). Optical instruments; spectrometry; interference; and polarized light.

Prerequisite: Physics 132 and trigonometry. (4 hours.) Omitted 1941-42.

452, 453. Modern Physics.

A survey of basic experiments and theories of modern physics. Radio-activity; discharge of electricity through gases; X-rays; photo-electricity; the structure of matter and the periodic table; matter and radiation.

Prerequisite: Physics 130, 131, 132, and trigonometry. (4 hours for each course.) Omitted 1941-42.

III. Physical Science

100, 101, 102. Physical Science.

This is a survey course in chemistry and physics in which the basic principles of both sciences are studied. The appreciation of the changes brought about in our daily life by the development and application of the physical sciences is stressed. Attention is largely directed toward those phases most likely to be encountered in the elementary school.

Required in the four-year elementary curriculum. Elective as a year of laboratory science. It may not be counted toward a minor in chemistry or physics. (4 hours for each course.) Fall, winter, and spring quarters.

SOCIAL SCIENCE

Requirements for a major: Social Science 137, 138, 139; 233, 234, 235; 346, 347, 348; 363, 364, 365; 1 year of economics or sociology; 340 and 411, 442, 443.

Requirements for a minor: Social Science 233, 234, 235; and 346, 347, 348, or Social Science 363, 364, 365 or 354, 355, 356.

137. Greek Civilization.

This course includes a brief survey of the civilizations of the Nile, Tigris, and the Euphrates valleys. The chief emphasis is on the early Greek settlements, their colonial expansion, the development of their economic and political institutions, their cultural life, and their contributions to the development of civilization.

Required. (4 hours.) Fall quarter.

138. Roman History.

The early life of the Romans and the development of the institutions of the republic; the expansion of the Roman powers; the development of the empire. Special attention is given to the development of political institutions and of the Roman law.

Required. (4 hours.) Winter quarter.

139. Medieval Europe, 500 to 1500 A. D.

The break-up of the Roman Empire and the Barbarian Invasions; the development and significance of the Church; the development of the feudal organization of society; the crusading movement; the development of town life; the development of strong states; the Renaissance.

Required. (4 hours.) Spring quarter.

233. History of the United States, 1492-1824.

A brief survey of American exploration and colonization against the European background, with a more intensive study of the formation of the Union and the foundation of traditional American policies.

Required. (4 hours.) Fall quarter.

234. History of the United States, 1824-1876.

Jacksonian Democracy and the beginnings of the modern pattern of political action; sectionalism and the westward movement; the Civil War and its aftermath.

Required. (4 hours.) Winter quarter.

235. History of the United States, 1876 to the Present.

Development of industrial America and origins of present-day social and economic problems; movements for liberal reform; the World War and post-war problems, ending with an attempt to evaluate the New Deal.

Required. (4 hours.) Spring quarter.

239 (49). History of the Latin-American Nations.

The chief events in the early settlement and the colonial period of their history, including an account of the administration and social, economic, and intellectual conditions under the old regime. The story of the revolutionary period and the establishment of national independence. An account of their political and constitutional struggles, their economic and cultural development, their international problems, and especially their economic and political relations with the United States.

Elective. Prerequisite: Sophomore classification. (4 hours.) Summer term.

240. Methods of Teaching Social Science in the Elementary Schools.

A course considering the organization, content, and presentation of social science in the elementary school. Reviews of texts and work-books, extra-curricular activities, the historical museum, and field trips are considered.

Elective in rural and elementary curricula. (4 hours.) Summer term.

330. Modern Economic Problems.

The nature and varieties of economic behavior. The important concepts of the subject are business organization and accounting, the individual business man and the corporation, the control of corporations, capitalism, production, distribution and consumption, price theory and market tactics, competition, conditions and the significance of imperfect competition, the problems of labor and wages, the economic position of the farmer, standards of living and our economic behavior, and the government and business.

Required in the industrial arts and home economics curricula. (4 hours.) Fall quarter, home economics majors; winter quarter, industrial arts majors.

340. Methods of Teaching Social Sciences.

The characteristics of the social sciences and their place in the public school curriculum; training in methods of study; kinds and use of illustrative material; selection and use of collateral reading; critical examination of representative textbooks; examination and appraisal of classroom procedures.

Required. (4 hours.) Spring quarter.

343. The History of England to 1603.

Early settlement of the British Isles; Roman occupation; Anglo-Saxon civilization; the early Church; the Norman Conquest and relations with France; the development of the common law and Parliament; the development of the Church and the separation of the Anglican Church; English art and literature.

Required in the English curriculum. Elective in other curricula. (4 hours.) Fall quarter.

344. History of England, 1603-1830.

Discovery and colonial expansion and the founding of the British Empire; the constitutional struggles and the supremacy of Parliament; the commercial, agricultural, and industrial revolutions; the literature and science of the period; the long struggle with France for colonial supremacy.

Required in the English curriculum. Elective in other curricula. (4 hours.) Winter quarter.

345. The History of the British Empire, 1830 to the Present.

The reformation of Parliament; the development of industry and commerce and trade rivalry; development of scientific thought; the World War and its consequences.

Required in the English curriculum. Elective in other curricula. (4 hours.) Spring quarter.

346. History of Europe, 1500-1789.

The New World, colonization and trade rivalry; the Reformation and revolt from the Church; the predominance of Spain, the rise of France and the long struggle between France and the Hapsburgs and between France and England; the development of the British Empire; the rise of Prussia and Russia; the Intellectual Revolution.

Required. (4 hours.) Fall quarter.

347. History of Europe, 1789-1871.

The French Revolution and the era of Napoleon; the Industrial Revolution; the revolutionary movements in Europe; the unification of Italy and of Germany; the rapid expansion of commerce; the increasing prominence of India, China, and Japan; the development of science and education.

Required. (4 hours.) Winter quarter.

348. History of Europe, 1871 to the Present.

The development of nationalism; commercial and colonial rivalry and military and naval rivalry; the Triple Alliance, the Triple Entente; the causes of the World War and the revolution in the methods of warfare; the treaties of peace and the League of Nations; the revolutionary movements since the World War.

Required. (4 hours.) Spring quarter.

354. Principles of Economics.

Basic characteristics of the economic order; free private enterprise and capitalistic organization of industry; the operation of the existing economic order; price as influenced by competition, cost of production, monopoly, and public authority.

Required in the commerce curriculum. Elective in other curricula. (4 hours.) Fall quarter.

355. Principles of Economics, Continued.

The business cycle, determination of price level; position of the consumer; the labor bargain and the labor problem; the reward of capital and of business enterprise; the support of the state; international economic policies; monetary and financial problems.

Required in the commerce curriculum. Elective in other curricula. Prerequisite: Economics 354. (4 hours.) Winter quarter.

356. Money and Banking.

Money, currency, and credit; functions and qualities of money; banks, kinds of banks, their organization and functions; the Federal Reserve system and its functions; bank credit, the problem of its control; theories of value and prices; international connection of prices; the problem of the control of the price level.

Required in the commerce curriculum. Elective in other curricula. Prerequisite: Economics 354, 355. (4 hours.) Spring quarter.

363. State Government.

A study of the structure and functions of the government of the state. The course directs attention particularly to the government of Illinois. The obligations of good citizenship are stressed. The Constitution of Illinois is examined in detail. Suggestions concerning the

technique of teaching government in high school are included in all the government courses offered in the college. Students are made familiar with desirable illustrative material and choice collateral reading.

Required. (4 hours.) Fall and summer quarters.

364. Local Government.

A study of the structure and functions of the government of the political subdivisions of the State. About one half of the course is devoted to city government, and one half to the government of the county, township, and other local units. The governments of typical cities, townships, and counties of Illinois are studied in detail. The obligations of good citizenship are stressed, with particular attention to the responsibilities of the teacher to his community.

Required. (4 hours.) Winter and summer quarters.

365. The National Government.

A study of the structure and functions of the national government of the United States, with particular attention paid to federal-state relationships. The development of federal institutions is traced. The Constitution of the United States is examined in detail. The obligations of federal citizenship are stressed.

Required. (4 hours.) Spring and summer quarters.

366. Political Parties and Politics.

A study of the development, organization, and functions of political parties in the United States. The significance of the political party, from local community to nation, is examined. The practical workings of political groups are studied, together with suggestions for desirable reforms and an examination of the part the individual citizen can play in securing these reforms.

Elective. (4 hours.) Omitted 1941-42.

367. International Relations of the United States.

A study of the place of the United States in the world community with particular attention to the methods and policies of the United States in dealing with foreign nations. The development of the machinery and spirit of international cooperation is traced.

Elective. (4 hours.) Summer term.

441, 442, 443. Supervised Student Teaching in High School Social Science.

(4 hours for each course.) Every quarter.

453. The Community and Society.

The contemporary community as the unit of social study, the bases of community life, types of communities, of activities, of organization, of government, and of maladjustments; community planning; relations of the community to society as a whole.

Required in the home economics curriculum. (4 hours.) Fall quarter.

454. Principles of Sociology.

Social relations and institutions, society as communication, competitive cooperation and functional patterns, spatial structure of society, social change, social disorganization, the person in relation to culture and the social organization, social control, and social reform.

Elective. (4 hours.) Winter quarter.

455. Social Problems and Social Trends.

The nature of social problems; the problem of adjustment to external nature; population problems; problem of the distribution of wealth and income; health and physical welfare; control and care of defectives; the family and child welfare; crime; the meaning and agencies of social control.

Elective. (4 hours.) Spring quarter.

SPEECH

Requirements for a minor in Speech: Speech 130, 132, 233, 331 (31), 345, 444.

130. Fundamentals of Speech.

This course is designed to serve the student in the light of individual needs. Content, language, voice, and action are emphasized in practical speech situations.

Required. (4 hours.) Fall quarter.

131. Dramatics for Elementary Grades.

This course presents dramatics as educational devices for children. The advantages of dramatizing literature, history, and other subjects are taught. The problem of choice of plays is presented.

Required. (4 hours.) Winter quarter.

132. Voice and Diction.

Instruction and practice in breathing, tone production, and enunciation. Training in perception and mastery of speech differences.

Required. (4 hours.) Spring quarter.

233. Principles of Speech Correction.

Designed to give the student a practical knowledge of the various kinds of speech defects and their treatment. The individual psychology of the speech-handicapped person is emphasized.

Required. (4 hours.) Fall quarter.

234. Advanced Principles of Speech Correction.

Required. Prerequisite: Speech 233. (4 hours.) Winter quarter.

235. Choric Speech.

A study of the technique employed in choric recitation of verse and prose. Attention is given to the social and artistic implications. The class engages in group speaking.

Required. (4 hours.) Spring quarter.

331 (31). Argumentation and Debate.

Principles and participation in class debates on subjects of current interest.

Required. (4 hours.) Winter quarter.

345. Public Speaking.

Through prepared talks and discussions this course gives training in the effective expression of genuine ideas and opinions. Sincerity, adequate development of thought, the proper use of facts and evidence, and also the principles and practice of good delivery are stressed.

Required or alternative with English 344 in the junior year in all curricula. Prerequisite: Junior College required English. (4 hours.) Every quarter.

346 (45). Evolution of Oratory.

Present-day English and American public speaking are studied as an outgrowth of the past. Analyses are made of various types of model speeches at different periods, with emphasis on the present. Students are given practice in composing and delivering original orations.

Required. (4 hours.) Spring quarter.

435. Oral Reading.

Designed to stimulate students to intelligent interpretation and oral reading of poetry and prose. A basis for judging the oral reading of others is developed. Most of the class time is devoted to student practice.

Required. (4 hours.) Spring quarter.

441, 442, 443. Supervised Student Teaching in Speech.

(4 hours for each course.) Every quarter.

444. Play Production.

The student receives instruction and practical experience in the technique of dramatics, including acting, stagecraft, theatre organization, and directing.

Required. (4 hours.) Fall quarter.

445. Advanced Play Production.

Advanced technical studies and experience in stagecraft and directing.

Required. (4 hours.) Winter quarter.



PART III: LIST AND VIEWS SECTION

SUMMARY OF ATTENDANCE
COUNTIES REPRESENTED
OTHER STATES REPRESENTED
VIEWS SECTION
HONORARY FRATERNITIES
MEMBERSHIP
EPSILON PI TAU
KAPPA PI
KAPPA DELTA PI
KAPPA MU EPSILON
SIGMA TAU DELTA
THETA ALPHA PHI
PI KAPPA DELTA
PI OMEGA PI
GAMMA THETA UPSILON
GRADUATES—1940

SUMMARY OF ATTENDANCE

TWELVE MONTHS ENDING JUNE 6, 1941

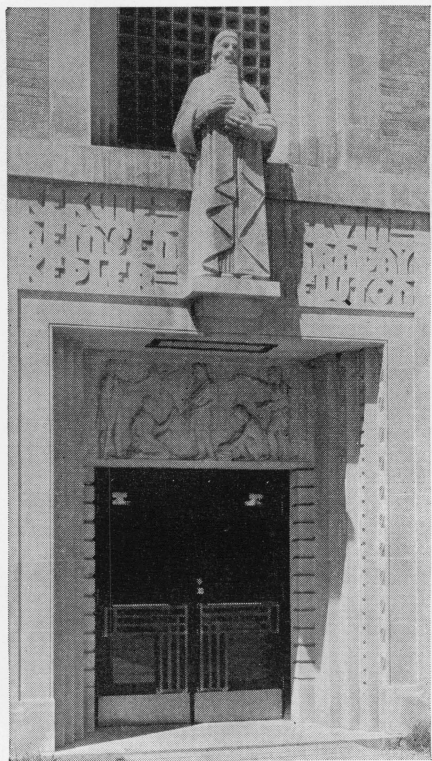
	Men	Women	Total	Total
Eight Weeks Summer Term, 1940.....	232	553	785	785
Regular School Year—September 9, 1940 to June 6, 1941:				
<i>Teachers College:</i>				
Senior College:				
Post-Graduate	2	0	2	
Seniors	60	57	117	
Juniors	105	100	205	
Total in Senior College.....	167	157	324	
Junior College:				
Sophomores	169	199	368	
Freshmen	234	266	500	
Total in Junior College.....	403	465	868	
Total in College	570	622	1,192	
Extension Students (exclusive of duplicates)	274	619	893	
<i>High School:</i>				
Post-Graduate	0	1	1	
Twelfth Year	27	37	64	
Eleventh Year	26	17	43	
Tenth Year	26	24	50	
Ninth Year	24	33	57	
Total in High School.....	103	112	215	
Total above the eighth grade.....	947	1,353	2,300	
Elementary Training School	114	126	240	
Total for the Regular Year.....	1,061	1,479	2,540	2,540
Total for the twelve months ending June 6, 1941.....				3,325
Counted twice (College only).....	79	122		201
Grand Total of Students and Pupils.....				3,124

COUNTIES REPRESENTED—YEAR 1940-41

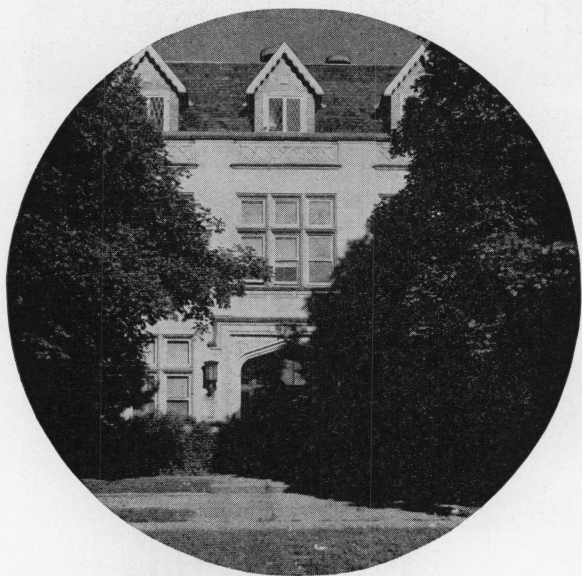
Bond	Edwards	LaSalle	Moultrie
Champaign	Effingham	Lawrence	Peoria
Christian	Fayette	Livingston	Platt
Clark	Ford	Logan	Pulaski
Clay	Franklin	Macon	Richland
Clinton	Grundy	Macoupin	St. Clair
Coles	Iroquois	Madison	Sangamon
Cook	Jasper	Marion	Shelby
Crawford	Jefferson	McHenry	Tazewell
Cumberland	Jersey	McLean	Vermillion
DeWitt	JoDaviess	Menard	Wabash
Douglas	Kankakee	Montgomery	Wayne
DuPage	Knox	Morgan	White
Edgar			Will

OTHER STATES REPRESENTED

Arkansas	Kansas	Missouri	Ohio
California	Michigan	New Mexico	Oklahoma
Indiana	Minnesota	New York	Pennsylvania
Iowa	Mississippi	North Carolina	Texas



This bas-relief over one entrance to the new Science Building on the Eastern campus depicts the rise of man in spite of natural environment. The names of the great scientists alongside the stone figure are those of men who challenge the youth of today to take what has been discovered and carry it to greater horizons.



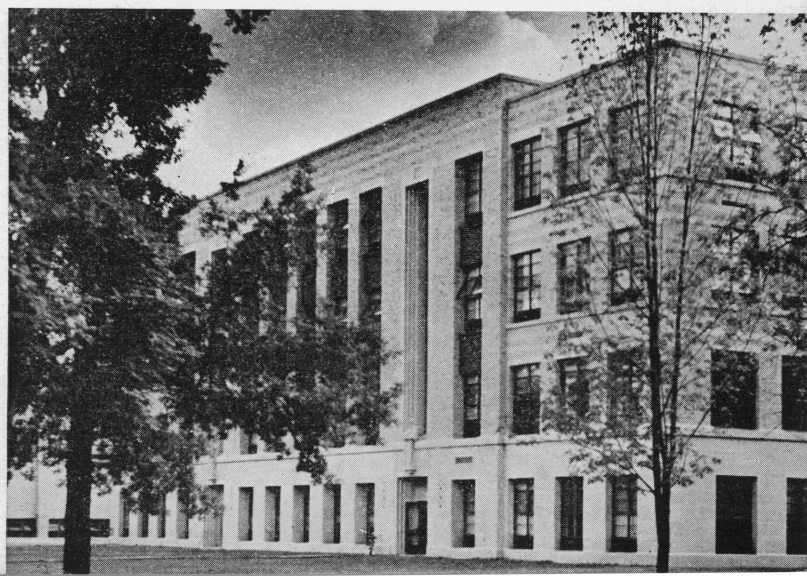
Above is the campus Elementary School, a part of the laboratory facilities for practice teaching. Pemberton Hall (below) is the campus home of 90 college women.

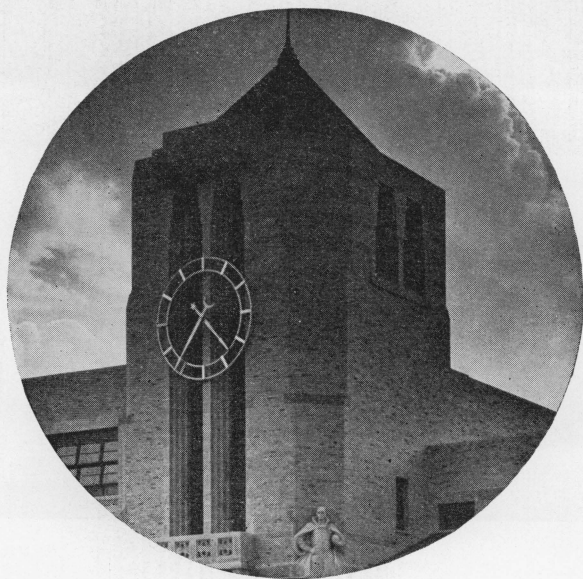


Women's Dormitory.



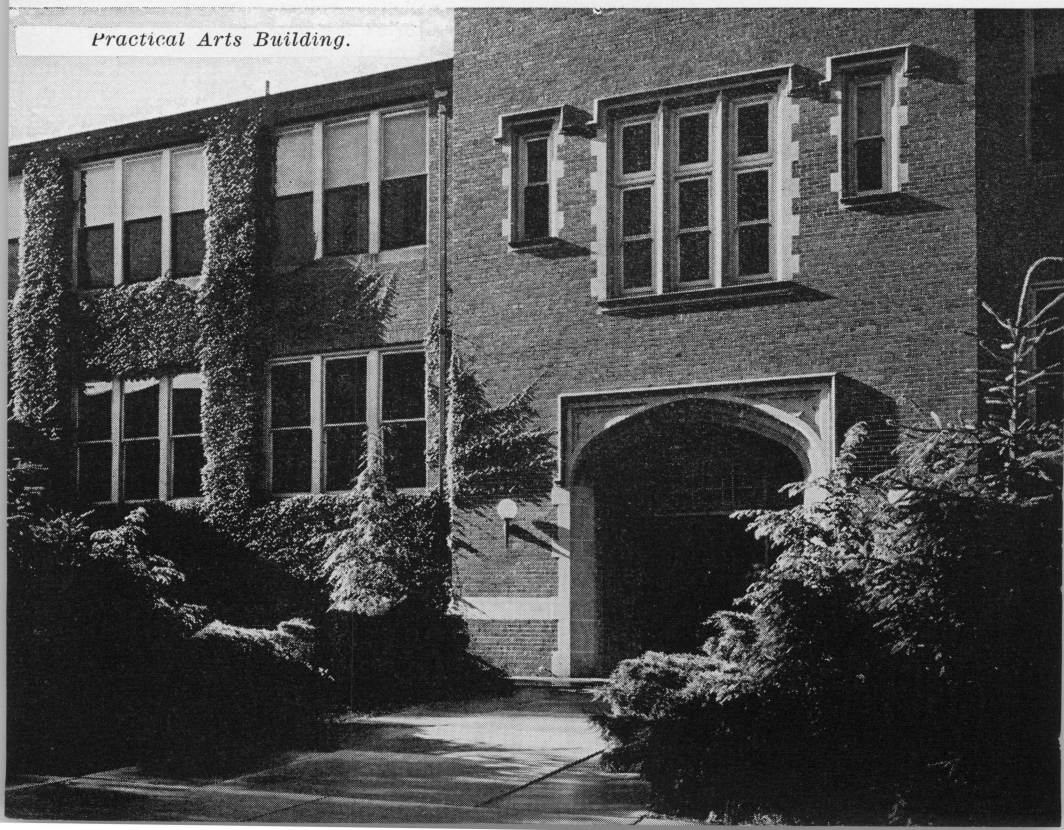
In this Health Education Building (above), which was dedicated on the Eastern campus in 1938, are gymnasiums for men and women and the college health service. Classrooms and laboratories for botany, chemistry, geography, hygiene, mathematics, physics and zoology are located in the new Science Building shown below.





Overlooking the south campus is this tower on the Health Education Building. In the Practical Arts Building (below) are housed the industrial arts and home economics departments.

Practical Arts Building.





Interesting experiments, in which children are shown participating above, are conducted with the assistance of student teachers. Hot noonday lunches are served in affiliated rural schools (right) where students get practical experience with teaching problems. Supervision of the library (below) in the campus Elementary School is a part of the training offered students.

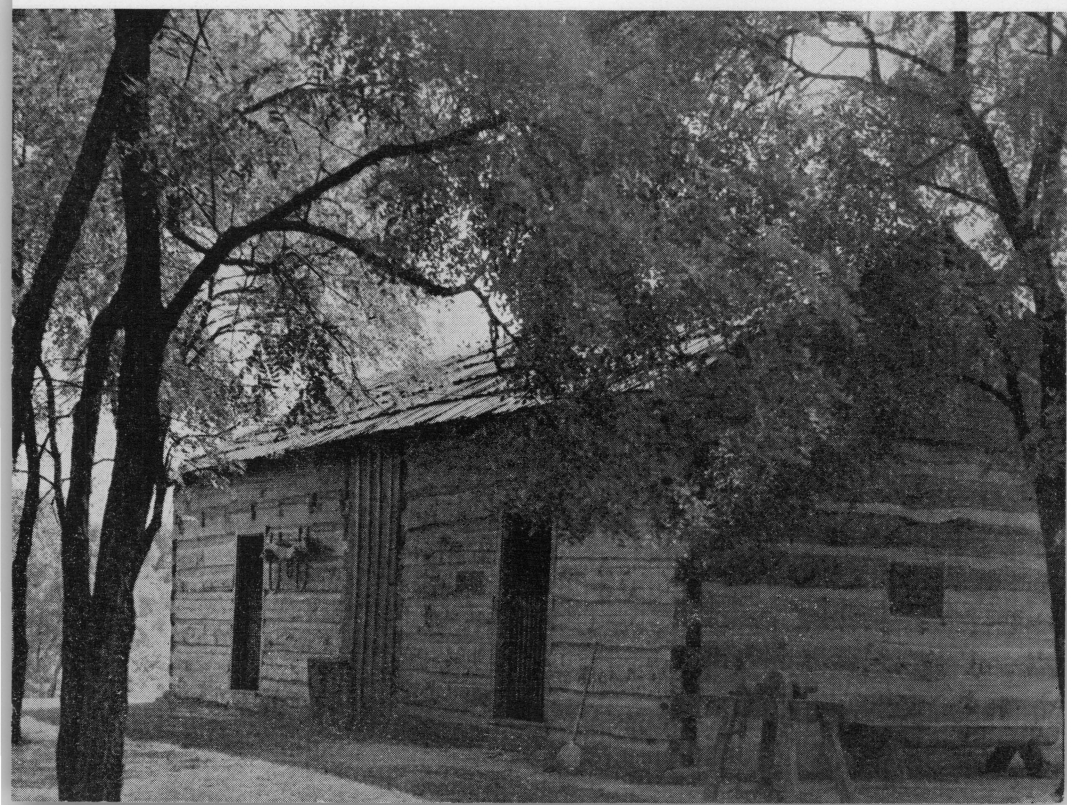
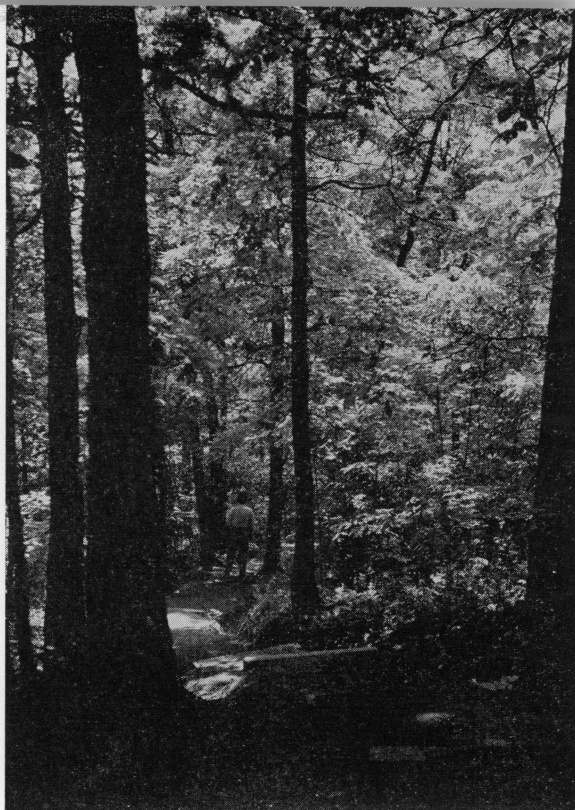


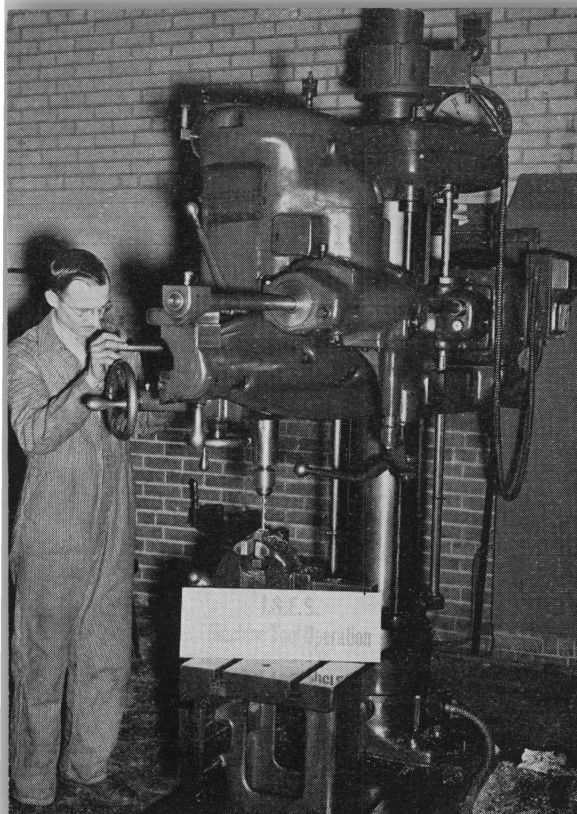


Washington's home at Mt. Vernon (top), the Lincoln Memorial in the nation's capital (right) and this schoolhouse (below) in the Southern Appalachians are some of the points on a 4800-mile route which will be taken by a college field study class during the 1941 summer term. Shorter field study tours are taken during the regular college year by students in many different departments.

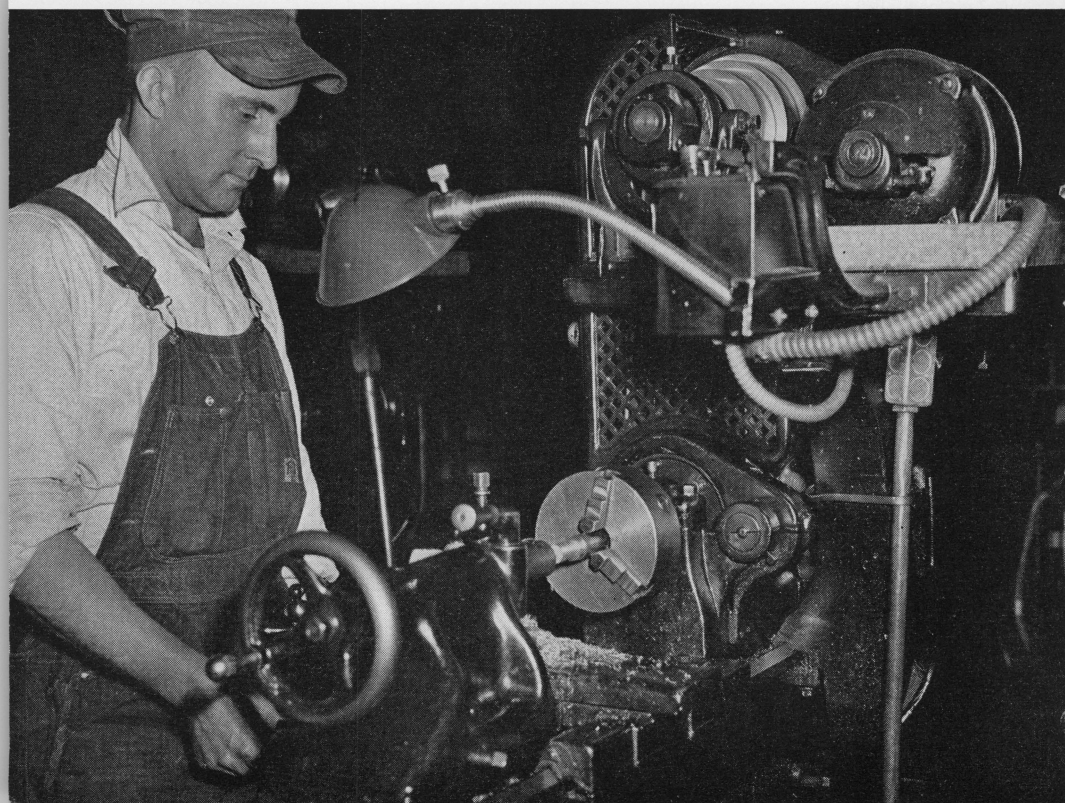


Recreational facilities on the Eastern campus are augmented by the resources of scenic Fox Ridge State Park, located on the Embarrass River seven miles from the college, and by the Lincoln Log Cabin State Park which has been linked to the campus with a new nine-mile stretch of highway. At right is one of the trails at Fox Ridge. Below is the reproduction of the Lincoln home at the Lincoln Log Cabin State Park.





Eastern's well-equipped industrial arts shops are operating on a 24-hour per day basis. Students use the shops during the day, while at night they are turned over for the use of adults in the national defense training program. These men are shown at work on one of the night shifts.



HONORARY FRATERNITIES—MEMBERSHIP

EPSILON PI TAU

Russell Snowden Barden.....	Senior.....	Goldsboro, N. Carolina
Charles Franklin Crites.....	Senior.....	Charleston
Dwight Max Dappert.....	Senior.....	Effingham
Wayne Vaughan French.....	Junior.....	Stewardson
Lowell Wilson Gordon.....	Junior.....	Tower Hill
John Owen Harlan.....	Senior.....	Charleston
Robert Leonard Johnston.....	Junior.....	St. Elmo
Paul Albert Maas.....	Senior.....	Olney
Robert Lewis McCumber.....	Junior.....	Villa Grove
Lloyd Francis Miller.....	Senior.....	Brownstown
Robert Lee Mirus.....	Senior.....	Charleston
Alfred Adelbert Redding.....	Junior.....	Springfield
Emil Spezia.....	Senior.....	Westville
Stanley Eugene Young.....	Junior.....	Indianola, Iowa

KAPPA DELTA PI

Agnes Irene Allison.....	Junior.....	Danville
Anna Rae Beal.....	Senior.....	Lancaster
Florence Louise Bixler.....	Senior.....	Sidell
Wendell Austin Blair.....	Junior.....	Paris
Inez Virginia Bubeck.....	Senior.....	West Union
Rex DeWayne Closson.....	Senior.....	Charleston
Rosemary Ann Donahue.....	Senior.....	Charleston
Carroll Lavern Endsley.....	Junior.....	Charleston
Edna Lucille Fogleman.....	Senior.....	Greenup
James Francis Giffin.....	Junior.....	Casey
Norma Janet Hollman.....	Senior.....	Charleston
Dorothy Marie Jensen.....	Junior.....	Neoga
Earl Lester Oliver.....	Junior.....	Charleston
Mary Inez Pinkstaff.....	Junior.....	Birds
Mabel Maxine Rennels.....	Junior.....	Charleston
Lois Elizabeth Shubert.....	Senior.....	Charleston
Joseph Stephen Zupsich.....	Junior.....	Mt. Olive

KAPPA MU EPSILON

Agnes Irene Allison.....	Junior.....	Danville
Wilma Mae Bond.....	Sophomore.....	Albion
John Earl Conley.....	Sophomore.....	Charleston
Sylvia Lucille Diel.....	Junior.....	Noble
Carroll Lavern Endsley.....	Junior.....	Charleston
David Fisher.....	Sophomore.....	Charleston
John Owen Harlan.....	Senior.....	Charleston
Martha Frances Husted.....	Sophomore.....	Gary, Indiana
Ervin George Kirchhofer.....	Senior.....	Shumway
Robert Bertis McCarthy.....	Sophomore.....	Flat Rock
Edwin Neil McKittrick.....	Sophomore.....	Charleston
Thomas Max Newell.....	Junior.....	Charleston
Charles Everett Pettypool.....	Sophomore.....	Bethany
Edward Gerald Rennels.....	Junior.....	Charleston
Mabel Maxine Rennels.....	Junior.....	Charleston
Orval Milliard Rice.....	Junior.....	Toledo
Lois Elizabeth Shubert.....	Senior.....	Charleston
Cecil Harold Werner.....	Sophomore.....	Pana
Edward Dean Wilson.....	Sophomore.....	Mattoon
Paul Edward Wright.....	Senior.....	Casey

KAPPA PI

Emily Ruth Bainbridge.....	Junior.....	Charleston
Inez Virginia Bubeck.....	Senior.....	West Union
Lottie Lucille Buss.....	Junior.....	Dundas
Mary Howell Elliott.....	Junior.....	Oblong
Mildred Louise Fulton.....	Junior.....	Charleston
Doris Eloise Hendricks.....	Junior.....	Hillsboro
Ellen Lee Henkle.....	Junior.....	Charleston
Anna May Marble.....	Junior.....	Sullivan
Vivian Juanita Nelson.....	Junior.....	Palestine
Delmar LeRoy Nordquist.....	Junior.....	Mattoon
John Wilbur Voigt.....	Junior.....	Mattoon
Ruth Lucretia Weakley.....	Junior.....	Gays

THETA ALPHA PHI

Leroy Thomas Adams.....	Junior.....	East St. Louis
Mary Ellen Bolin.....	Senior.....	Centralia
Mary Frances Gaumer.....	Junior.....	Danville
Harold Lee Hayes.....	Junior.....	Paris
Rosetta May Hyman.....	Senior.....	Decatur
Carolyn Love Kilgore.....	Senior.....	Danville
Irene McWilliams.....	Senior.....	Pawnee

SIGMA TAU DELTA

Alice Maxine Burton.....	Senior.....	Muncie
Elma Askins Fisher.....	Senior.....	Lakewood
Catherine Hughes.....	Junior.....	Maywood
Marguerite Little.....	Sophomore.....	Paris
Betty Nelle Markel.....	Junior.....	Hillsboro
Betty Catherine Nash.....	Junior.....	Mattoon
Earl Lester Oliver.....	Junior.....	Charleston
Edward Maurice Resch.....	Junior.....	Newton
Frank William Tate.....	Senior.....	Tuscola
Edna Eileen Williams.....	Junior.....	Oakland
Ruth Moreen Williams.....	Senior.....	Casey

PI KAPPA DELTA

Jane Lee Abbott.....	Junior.....	Charleston
Alice Maxine Burton.....	Senior.....	Muncie
Florence Irene Davis.....	Sophomore.....	Dieterich
Elbert Abel Fairchild.....	Junior.....	Charleston
Harold Lee Hayes.....	Junior.....	Paris
Carolyn Love Kilgore.....	Senior.....	Danville
Mildred Anne Moore.....	Senior.....	Charleston
Elizabeth Louise Podesta.....	Sophomore.....	Mattoon
Ruth Deloris Rains.....	Senior.....	Charleston
Edward Gerald Rennels.....	Senior.....	Charleston
John David Worland.....	Senior.....	Neoga

PI OMEGA PI

Wendell Austin Blair.....	Senior.....	Paris
Ruth Aileen Brookhart.....	Junior.....	Casey
Beulah Louise Collins.....	Junior.....	Greenup
John Woodrow Eaton.....	Junior.....	Charleston
Carolyn Sue Eggleston.....	Junior.....	Toledo
James Francis Giffin.....	Junior.....	Casey
Kathryn Mary Hoehn.....	Junior.....	Witt
Dorothy Marie Jensen.....	Junior.....	Neoga
Madge Ellen Kirkham.....	Junior.....	Kansas
Lillian Cora Michael.....	Junior.....	Highland
Geneva June Murphy.....	Junior.....	Marshall
Marjorie Schuch.....	Senior.....	Newton
Margaret Jean Weingand.....	Junior.....	Hillsboro

GAMMA THETA UPSILON

Riley LaFrone Bowen.....	Senior.....	Charleston
Gerald Monroe Chestnut.....	Junior.....	Taylorville
Harry Dean Duffy.....	Senior.....	Monticello
Dale Warren Johnson.....	Sophomore.....	Charleston
Jennie Elizabeth Major.....	Senior.....	Mattoon
Bertha Grace Markwell.....	Senior.....	Brookfield
Donald G. Smith.....	Senior.....	Charleston
Leon Thomas Stewart.....	Senior.....	Casey
Cleo Esther Wood.....	Senior.....	Decatur

GRADUATES

1940

SENIOR COLLEGE

Name	Post Office	Name	Post Office
Adams, Orla Elbert.....	Charleston	Honn, Electa Marie.....	Kansas
Adkins, Mildred Josephine.....	Charleston	Houston, Lavon Alverda.....	Mulberry Grove
Anderson, Brice.....	Westville	Howell, George Morris.....	Charleston
Anderson, Earl Roy.....	Charleston	Huffer, Marian Juanita.....	Shelbyville
Armentrout, Alma May.....	Witt	Jack, Martha June.....	Charleston
Ashcraft, Orville Norman.....	Mattoon	Jenne, Loren Earl.....	Sullivan
Balls, Bette Lou.....	Charleston	Johnson, Ernest Logan.....	Mt. Carmel
Baker, Mervin Chester.....	Charleston	Jones, Herschel Allen.....	Newton
Barkley, Katherine Anne.....	Casey	Judge, Virgil Howard.....	Albion
Bennett, Evelyn C.....	Chicago	Kincaid, Marvin Merle.....	Bridgeport
Bennett, Margaret Elizabeth.....	Westfield	King, Max Shrieve.....	Charleston
Bevis, Rosemary Parks.....	Newton	Lane, Raymond Henry.....	Robinson
Brothers, Esther Louisa.....	Muncie	Lane, Winifred Juanita.....	Ashmore
Brown, Carolyn Alta.....	Ashmore	Leathers, Lavada Margaruite.....	St. Francisville
Browne, Lee Roy.....	Charleston	Leeds, Lottie Leach.....	Allendale
Browning, Herbert Carlyle.....	Oakland	Levitt, Joanna Mae.....	Charleston
Buchholz, John Leonard.....	Effingham	Liffick, Mary Imogene.....	Casey
Buzzard, Lila Celesta.....	Altamont	Linder, James Glenn.....	Assumption
Christopher, Lawrence Clark.....	Tower Hill	Linder, Leslie Clifford.....	Assumption
Clapp, Carl Rich.....	Vincennes, Ind.	Lumbrick, Esther Clementine.....	Shelbyville
Clark, Ruth Burke.....	Clay City	McAlister, Robert Lloyd.....	Fithian
Coleman, James William.....	Willow Hill	McHenry, Albert J.....	Brocton
Corman, Erma Mae.....	Decatur	McIntyre, Helen Louise.....	Charleston
Craig, Robert Earl.....	Flora	McQueen, Dorothy Katherine.....	Charleston
Crispin, Helen Marion.....	Charleston	Marlow, March Lurea.....	Bethany
Crooks, Lesley Ernestine.....	Cisne	Mieure, Gerald Gale.....	Sumner
Cruthis, Erlayne.....	Sorento	Mieure, Harold Dale.....	Sumner
Culberson, Harley Dale.....	Pana	Miller, Kermitt Clyde.....	Mt. Carmel
Davidson, Rondell Lee.....	Chesterfield	Moon, Thelma Ione.....	Coffeen
Davis, Lana Ruth.....	Gays	Neal, Donald King.....	Charleston
Deahl, Howard Carroll.....	Martinsville	Nees, Grace Kortum.....	Charleston
Diel, Esther Eleanor.....	Noble	Patterson, Farrel Stanley.....	Charleston
Douglas, Jack Richard.....	Charleston	Pier, John Oscar.....	Decatur
Driscoll, Theresa.....	Charleston	Pinkstaff, Wilmeth Frances.....	Flat Rock
Evans, Lela Mae.....	Assumption	Pinkstaff, Wilson Levi.....	Flat Rock
Farnsworth, Donald Russell.....	Arcola	Postlewaite, Virginia Ruth.....	Palestine
Farrar, John Wynn.....	Mattoon	Poynter, Edward Allen.....	Arcola
Farris, Leona Mae.....	Davenport, Iowa	Pyro, Frances Lucille.....	Donnellson
Feller, Gladys Naomi.....	Sullivan	Racster, Barrett.....	Albion
Fellers, Park Monroe.....	Tower Hill	Reeder, Martha Dolores.....	Greenup
Fick, Robert George.....	Charleston	Rennels, Arlin.....	Charleston
Fink, Glenda Bernadine.....	Herrick	Reynolds, Ruth Maxine.....	Charleston
Finkbinder, Eva Miriam.....	Palestine	Rice, Marvin.....	Watson
Finley, Roberta Jane.....	Lawrenceville	Richards, Mary Caroline.....	Assumption
Fling, Dean Arthur.....	Windsor	Richmond, George Smithdeal.....	Fillmore
Foor, Burnilda Maxine.....	Shelbyville	Ridey, Charles Henry.....	Charleston
Ford, Betty Jane.....	Edwardsville	Rogers, Mary Louise.....	Humboldt
Freeman, Phyllis Marion.....	Greenup	Rowland, Henry Abraham.....	Ashmore
Fritz, Forrest Glenn.....	St. Elmo	Russell, Edna Frances.....	Mattoon
Fry, Emmett Warren.....	Louisville	Ryan, Louis Darrell.....	Louisville
Gewe, Bertha Catherine.....	Hillsboro	Schack, Frank Fairfowl.....	Sullivan
Gilbert, Virginia Carolyn.....	Mattoon	Scott, Clovis Toby.....	Charleston
Goldsmith, Reba Margaret.....	Robinson	Scott, Julia Annabel.....	Paris
Gossett, Suzanne Barrett.....	Charleston	Shipley, Emmett Thomas.....	Paris
Grant, Lucile Madonna.....	Charleston	Simpson, Paul Evans.....	Charleston
Grubb, Walter Robert.....	Noble	Smith, Elsie Marie.....	Charleston
Gwinn, Byron Charles.....	Oakland	Snedeker, Frederick Carlyle.....	Kansas
Harms, Raymond Keith.....	Bone Gap	Stine, Paul Taylor.....	St. Elmo
Harms, Walser Eugene.....	Bone Gap	Strader, Antoinette Paula.....	Misaur
Hayes, Edward Lowell.....	Humboldt		Hindsboro
Hayes, Kathleen Louise.....	Casey		
Higgins, Evon.....	Bridgeport		

Name	Post Office
Taylor, Oral Nelson.....	Charleston
Tefft, Nina Mae.....	Charleston
Thomas, Robert Osborne.....	Charleston
Thompson, Ernest William.....	Hillsboro
Thompson, Grace Lillian.....	Newman
Towell, Frank	Fillmore
Turner, Francis Dunlap.....	Centralia
Turner, Max Wesley.....	Charleston
Vaughn, Guy Dale.....	Charleston
Waggoner, Emily Elizabeth.....	Gays
Waldrip, Earl William.....	Greenup
Walter, Mary Elizabeth.....	Danville
Ward, Nettie Alene.....	Toledo

Name	Post Office
Whitlatch, Robert Wallis...	Windsor
Wickiser, Alice Roberta....	Greenup
Wilcox, Geraldine	Pana
Wilkin, Edna Lois.....	Monticello
Wilson, R. Raymond.....	Charleston
Wood, Harry	Noble
Zimmerman, Robert Charles.....	Effingham
Men	74
Women	67
Total	141

JUNIOR COLLEGE

1940

Name	Post Office
Butler, Helen Kirkwood...	Lake City
Clark, Albert H.....	Montrose
Cole, Betty Lou.....	Mattoon
Crum, Margaret Eleanor...	Edgewood
Davidson, Edna Emaline...	Marshall
Dively, Vera Karlene.....	Vandalia
Duke, William Raymond...	Fithian
Ernst, Mary Ellen.....	Hillsboro
Feldman, Wilma Leora...	West Salem
Fleener, Ivan Jessie.....	Pierson
Graham, Dorothy Harriet...	Danville
Guthridge, Lucille Kate...	Hindsboro
Harrington, Mary Jane.....	Arcola
Haverstock, Nina Eloise...	Stewardson
Henderson, Frank Raymond.....	Chatham
Hendricks, Robert Worley.....	Shelbyville
Herron, Carolee Wanda.....	Findlay
Hettinger, Dorothy Marie...	Pesotum
Highsmith, Randall McClellan.....	Flat Rock
Holycross, Emma Elizabeth...	Danville
Honn, Edith Mabel.....	Kemp
Houghton, Myra Belle.....	Ashmore
Lively, Virginia Ruth...	Beecher City
Long, Margaret Nolene.....	Danville

Name	Post Office
Magers, Frances Marie....	Westville
Marsh, Mary Lou.....	Olney
McCartan, Marjorie Louise....	Odin
Michels, Elizabeth	Ellery
Midgett, Lawrence Anderson.....	Flat Rock
Morr, Ruth Pauline...	Beecher City
Paden, Leona Mae.....	Hillsboro
Parrott, Oreba Margaret.....	Lawrenceville
Poynter, Tressa Evelyn McWhorter.....	Dieterich
Rodgers, Vivian Frances....	Farina
Runyon, Alice Ellen.....	Noble
Seaney, Chester Roscoe, Jr.....	Flat Rock
Sharp, Lutie Beatrice...	Edgerton, Ohio
Sheets, Joan	Georgetown
Shutt, William Glenn.....	Fithian
Vail, Mae Beth.....	Casey
Wittnam, Merle Elleen.....	Nokomis
Worland, Anne Margaret...	Neoga
Zimmerli, Dorothy Jeanne...	Pawnee
Men	9
Women	34
Total	43

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